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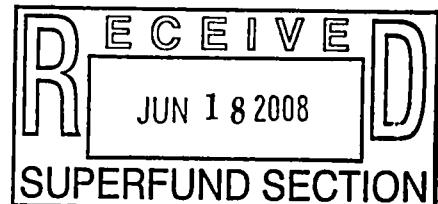
Program IHS (IHS)

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**PHASE II ENVIRONMENTAL
SITE ASSESSMENT REPORT**

DECEMBER 10, 2007

**PROJECT LOCATION:
WACCAMAW TRANSPORT, INC. PROPERTY
PARCELS #R05413-017-004-000 & #R05413-017-009-000
1106 S. SECOND STREET & 1109 S. FRONT STREET
WILMINGTON, NORTH CAROLINA 28401**



**PREPARED FOR:
JANET & JOHN PUCCI
615 SOUTH FRONT STREET
WILMINGTON, NORTH CAROLINA 28401**

**CONSULTANT:
HENRY NEMARGUT ENGINEERING SERVICES
2211 CHESTNUT STREET, WILMINGTON, NC 28405
PHONE NUMBER: (910) 762-5475**

Sampson-Bladen Oil Co., Inc.

P.O. Box 469 Phone (910) 592-4177

FAX (910) 592-0504

Clinton, N.C. 28329

June 17, 2008

Attention: Ms. Genevieve M. Henderson, P.G., Hydrogeologist II
DWM, Superfund Section
Inactive Hazardous Sites Branch
127 Cardinal Drive Extension
Wilmington, NC 28405

Re: Your letter of 6/13/08 regarding your review of the Soil Excavation Report
Waccamaw Transport
1106 S. 2nd St and 1109 S. Front Street
Wilmington, New Hanover County

Ms. Henderson:

Per your letter dated 6/13/08 pertaining to the above-captioned site, please find enclosed a copy of the initial Phase II ESA performed by Henry Nemargut Engineering Services. Please note that this is a copy of a copy provided to me by the potential purchaser of this property, who commissioned the Phase II.

Please review this report and direct me as to my next step in resolving this issue.

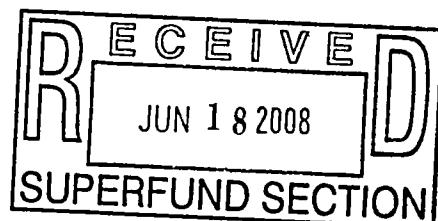
Please contact me with questions or for additional information at the letterhead address or on my cell phone, 910-874-2650.

Thanks for your assistance in this matter.

Sincerely:



R. Howell Clark, Jr.
Environmental Director.





Henry Nemargut Engineering Services

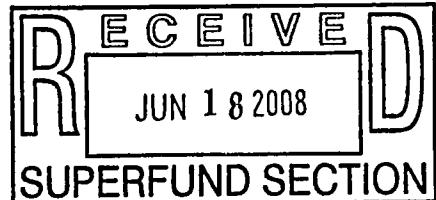
2211 Chestnut St., Wilmington, NC 28405

Phone (910) 762-5475

FAX # (910) 762-3284

December 10, 2007

Janet & John Pucci
615 South Front Street
Wilmington, North Carolina 28401



Reference: Phase II Environmental Site Assessment
Waccamaw Transport, Inc. Property
Parcels #R05413-017-004-000 & #R05413-017-009-000
1106 S. Second Street & 1109 S. Front Street
Wilmington, NC 28401

Dear Sirs:

Please find enclosed a report summarizing Phase II assessment activities conducted for the above referenced facility. The Phase II assessment consisted of installation of soil borings and a temporary groundwater monitoring well, sampling of in-situ soils and groundwater, and laboratory analyses of soil and groundwater samples obtained from various areas of the Waccamaw Transport, Inc. properties. A summary of these activities and our conclusions are summarized herein.

All activities and investigations conducted for this project were performed to ensure compliance with the guidelines and regulations of the US EPA, the NCDENR, and other applicable regulations. If you have questions regarding this report, please contact me at (910) 762-5475.

Sincerely,

A handwritten signature in black ink, appearing to read "Henry Nemargut".

Henry Nemargut, P.E.
Henry Nemargut Engineering Services

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- Appendix B: Regulatory Standards for Soil and Groundwater
- Appendix C: Laboratory Analytical Results for Asbestos Samples
- Appendix D: Soil Boring Logs

**PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT
WACCAMAW TRANSPORT, INC. PROPERTY
1106 S. SECOND STREET & 1109 S. FRONT STREET
PARCELS #R05413-017-004-000 & #R05413-017-009-000
WILMINGTON, NORTH CAROLINA 28401**

1.0 Introduction and Background

1.1 Introduction

Waccamaw Transport, Inc. owns two light industrial parcels at 1106 South Second Street & 1109 South Front Street in Wilmington, NC. Figure 1 illustrates the location of this facility on the Wilmington Quadrangle U.S.G.S. Topographic Map. The 1106 South Second Street site contains 1 permanent building used for automotive repair purposes. The 1109 South Front Street site is currently cleared with no structures present. Figure 2 contains an aerial photograph of the subject property investigated during Phase II assessment activities.

On November 18, 2007, Henry Nemargut Engineering Services, Inc. conducted Phase II Environmental Assessment activities at this facility. The purpose of these activities was to investigate for contamination from on-site sources at the project site. The layout of the Waccamaw Transport, Inc. properties are illustrated on Figure 3. Investigative activities were focused primarily in the areas of current and former underground storage tanks (USTs) and engine repair and above ground used oil storage areas at this facility.

1.2 Scope of Services

This Phase II report contains documentation concerning the following activities which were conducted at this facility:

- o A facility walkthrough to identify areas of environmental concern
- o Advancement of five soil borings in noted areas of environmental concern
- o Collection of soil and groundwater samples
- o Collection of a ceiling tile sample for asbestos analyses
- o Laboratory analyses of soil and groundwater samples conducted by Prism Laboratories, Inc. of Charlotte, NC
- o Asbestos analyses of the ceiling tile sample conducted by EMSL Analytical, Inc. of Morrisville, NC

1.3 Facility Walkthrough & Asbestos Sampling

A site walkthrough was conducted on November 18, 2007 prior to initiating the field activities. From observations of the site, four areas of obvious environmental concern were noted at the Waccamaw Transport, Inc. property located at 1106 South Second Street. The areas warranting concern consisted of: a 1,000 gallon heating oil underground storage tank (UST) which is currently in use; the area of a former diesel fuel UST which was removed from the ground by Waccamaw Transport; soils adjacent to a concrete pad formerly used for engine repair; and soils adjacent to a concrete pad used for storage of waste oil drums. Portions of the concrete surface in the waste oil drum pad area appear to be stained from past spills of used motor oils. Oil absorbent materials were in place around the waste oil drums at the time of this phase II assessment.

Another item of concern noted on the premises at 1106 South Second Street were ceiling tiles in the office portion of the on site building. Since some ceiling tiles include asbestos containing materials (ACMs), a sample of this material was collected during the walkthrough for laboratory analyses. The sample was bagged, labeled, and submitted to EMSL Analytical, Inc. for asbestos analyses. Results from this sample were negative for asbestos. Appendix C contains the result from asbestos analyses for the ceiling tile sample.

2.0 Phase II Soil Sampling and Laboratory Analyses

2.1 Soil Borings and Temporary Monitoring Wells

On November 18, 2007, Henry Nemargut Engineering Services mobilized to the site to advance soil borings in the four areas of noted environmental concern and to install a temporary monitoring well in the area of the in use heating oil UST. An additional soil boring was placed in the upgradient portion of the property at 1109 South Front Street for screening of soils and determination of the approximate depth to groundwater. Groundwater was noted in this boring, B1, at an approximate depth of 14' below surface. Soil samples were collected at 5' intervals in the borings advanced at the site, labeled B1 through B5. Temporary monitoring well TW-1 was installed in soil boring B2 which was allowed to equilibrate for a 2 hour period prior to development and sampling. One soil sample each from B2 and B5, placed in the current and former UST locations, was collected for laboratory TPH analyses at the approximate depth of 1' below the tank bottom. One soil sample each from B3 and B4, placed adjacent to concrete pads used for engine repair and used oil storage, was collected at a depth of 5' below surface to assess for volatile organic compounds which could be present from spills of solvents or degreasing agents. The locations of the temporary monitoring wells and soil boring are illustrated on Figure 3.

All soil samples collected at the site were screened in the field utilizing a Thermo-Environmental photoionization detector (PID). None of the samples collected at the site at 5' intervals indicated PID readings above the instrument detection limits. No samples collected from boring B1, placed on the 1109 South Front Street site, were submitted for laboratory analyses since the PID readings for all soil samples collected from this boring were below the PID detection limit. Appendix D contains soil boring logs for the borings advanced at this site.

2.2 Soil and Groundwater Sampling

The 4 soil samples selected for laboratory analysis were placed into new glass jars provided by the certified laboratory containing the proper preservatives for the selected analyses. After allowing groundwater to equilibrate in the borings for TW-1 for a period of over 2 hours, groundwater samples were collected using disposable Teflon balers and new nylon string. Groundwater samples were obtained from a temporary 2" PVC monitoring well placed in the borehole for boring B2. The temporary monitoring well was developed prior to sampling by removal of 3 volumes of water from the borehole.

The soil and groundwater samples were labeled with sample location, analyses to be performed, time, date, and the sampler's name. They were then immediately placed in a cooler and chilled with ice to approximately 4oC in preparation for transportation to the analytical laboratory, utilizing EPA approved chain-of-custody procedures.

2.3 Laboratory Analyses

The soil samples collected from the diesel and heating oil UST areas were submitted to Prism Laboratories for analyses according to EPA Methods 3550/5030 as recommended by the NCDENR. Method 3550 tests for low boiling point hydrocarbons such as diesel and kerosene, and its current action level is 10 ppm for AST releases. Method 5030 tests for low boiling point hydrocarbons such as gasoline and gasohol, and its current action level is 10 ppm for AST releases. The soil samples collected from the concrete pad areas were submitted to Prism Laboratories for analyses according to EPA Method 8260 as recommended by the NCDENR for assessment of volatile organic compounds. The current action levels for 8260 parameters are compound specific.

Both soil samples analyzed from the UST areas, denoted B2-7 and B5-10, failed to indicate concentrations of 3550/5030 compounds above laboratory detection limits. Both soil samples analyzed from the concrete pad areas, denoted B3-5 and B4-5, indicated the presence of tetrachloroethylene (PCE) at concentrations above its current NCDENR reportable quantity of 0.0074 mg/kg. PCE was noted in sample B3-5 at a level of 0.0076 mg/kg and in sample B4-5 at a level of 0.26 mg/kg. Both of these results, however, are below the NCDENR Inactive Hazardous Waste Sites Branch Health-Based Soil Remediation Goals for PCE set at 0.48 mg/kg. Acetone was also detected in sample B4-5 at a level of 0.075 mg/kg, significantly below its reportable concentration of 2.8 mg/kg. The laboratory analytical report and the chain of custody record for the soil samples is contained in Appendix A, and documentation concerning NCDENR reporting and remediation goal levels are presented in Appendix B.

The groundwater sample collected was also submitted to Prism Laboratories for analyses according to EPA Method 6210D. Method 6210D tests for volatile organics and chlorinated hydrocarbons which may be present in groundwater at petroleum and solvent release sites. Groundwater standards for these compounds are dictated by 15A NCAC 2L codes. Groundwater analytical results failed to indicate 2L violations for the sample obtained from TW-1. PCE was noted at a concentration of 0.34 ug/l. The current 2L standard for PCE is 0.70 ug/l. Chloromethane was detected at a concentration of 2.2 ug/l compared to its 2L standard of 2.6 ug/l. No other compounds were detected in the groundwater sample from temporary well TW-1.

3.0 Conclusions

3.1 General Summary

Based on a review of all information gathered during this Phase II Assessment, Henry Nemargut Engineering Services makes the following conclusions:

- o Four areas of environmental concern at the Waccamaw Transport, Inc. property at 1106 South Second Street were noted based on a facility walk through conducted on November 18, 2007; a 1,000 gallon heating oil underground storage tank (UST) which is currently in use; the area of a former diesel fuel UST which was removed from the ground by Waccamaw Transport; soils adjacent to a concrete pad formerly used for engine repair; and soils adjacent to a concrete pad used for storage of waste oil drums. Soil borings were placed in each of the four areas of environmental concern identified at the site.
- o No petroleum hydrocarbon contamination was noted in either of the two UST area soil samples through laboratory analyses utilizing EPA Methods 5030/3550.
- o No violations to 15 NCAC 2L standards were noted in a groundwater sample obtained from the temporary monitoring well installed in the soil boring placed immediately adjacent to the heating oil UST through laboratory analyses utilizing EPA Method 6210D.
- o Tetrachloroethylene (PCE) was noted in soil samples B3-5 and B4-5 obtained from borings placed adjacent to the concrete pad formerly used for engine repair and the concrete pad currently used for storage of waste oil drums above the NCDENR reportable quantity of 0.0074 mg/kg. The maximum PCE contaminant level was noted in sample B4-5 at a concentration of 0.26 mg/kg, which is below the health-based remediation goal of 0.48 mg/kg established by the NCDENR Inactive Hazardous Sites Branch.
- o Portions of the concrete surface in the waste oil drum pad area appear to be stained from past spills of used motor oils. Oil absorbent materials were in place around the waste oil drums at the time of this Phase II Assessment.
- o A sample of the ceiling tile obtained from within the office portion of the on-site building at 1106 South Second Street did not indicate the presence of asbestos through analytical testing.
- o No areas of environmental concern at the Waccamaw Transport, Inc. property at 1109 South Front Street were noted based on a facility walk through conducted on November 18, 2007.
- o Soil samples obtained from a soil boring placed on the upgradient portion of the lot at 1109 South Front Street failed to indicate any signs of contamination through field analyses utilizing a photoionization detector. Groundwater which equilibrated in this boring at a depth of approximately 14' below surface did not exhibit any odors or other signs of contamination which would result from downgradient migration of contaminants from 1106 South Second Street.

3.2 Recommendations

Based on all information gathered during Phase II Assessment activities, Henry Nemargut Engineering Services makes the following recommendations:

- o Since the laboratory analytical results from soil samples were above the reportable quantity for PCE, a release notification including a copy of soil analytical results should be submitted to:

NCDENR – Inactive Hazardous Sites Branch
Wilmington Regional Office
127 Cardinal Drive Extension
Wilmington, NC 28405

- o Since the PCE contamination is below current Health-Based Soil Remediation Goals, further assessment or remediation should not be required by the NCDENR for the noted PCE contamination.
- o The oil absorbents and other oil stained materials on the waste oil drum concrete pad should be containerized and transported to a disposal facility permitted to accept solid petroleum wastes.
- o No further assessment or remedial activities are recommended for this site.

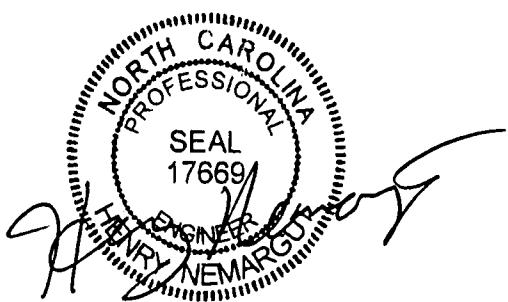
3.3 Limitations

This report has been prepared for the exclusive use of Janet and John Pucci for the specific application to the referenced site located in New Hanover County, North Carolina. The assessment was conducted based on the scope of work and level of effort desired by the client. Our findings have been developed in accordance with generally accepted standards in the practice of Phase II Assessments in the State of North Carolina, available information and our professional judgment. No other warranty is expressed or implied.

The data presented in this report are indicative of conditions that existed at the precise locations sampled and at the time the samples were collected. Additionally, the data obtained from the samples would be interpreted as meaningful with respect to the parameters indicated in the laboratory reports. No additional information can be logically inferred from this data.

4.0 Professional Certification

The Phase II Site Assessment report for this site has been prepared by Henry Nemargut Engineering Services under the direct supervision of licensed engineers or geologists. Technical review of this document has been provided by Henry Nemargut. All engineering work performed on this project was conducted under my direct supervision:



Henry Nemargut, P.E.
Henry Nemargut Engineering Services
North Carolina License #17669

FIGURES

FIGURE 1: PROJECT LOCATION

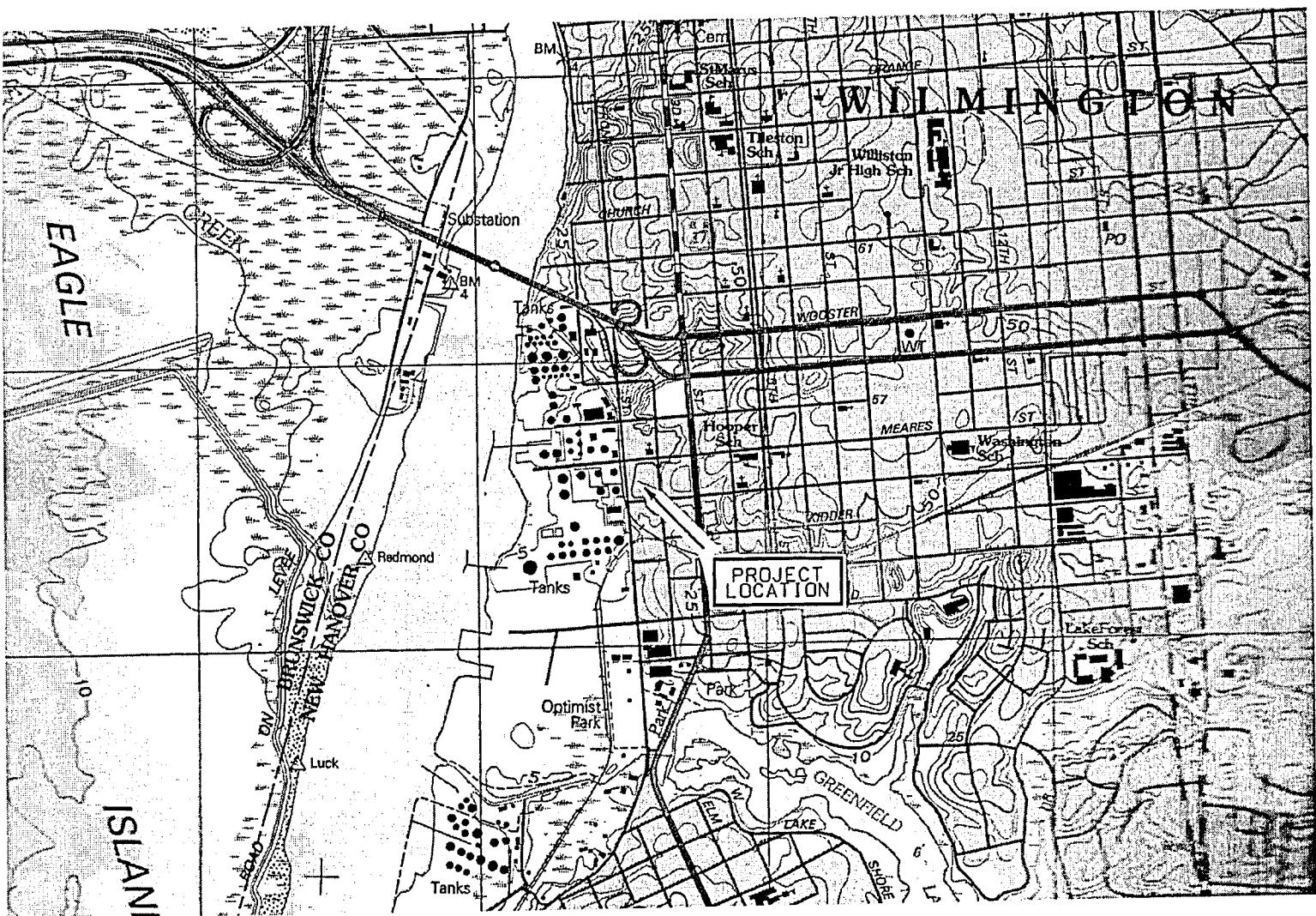


FIGURE 2: AERIAL PHOTOGRAPH OF PROJECT SITE

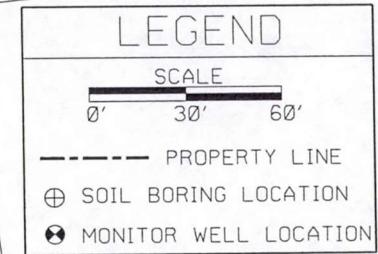
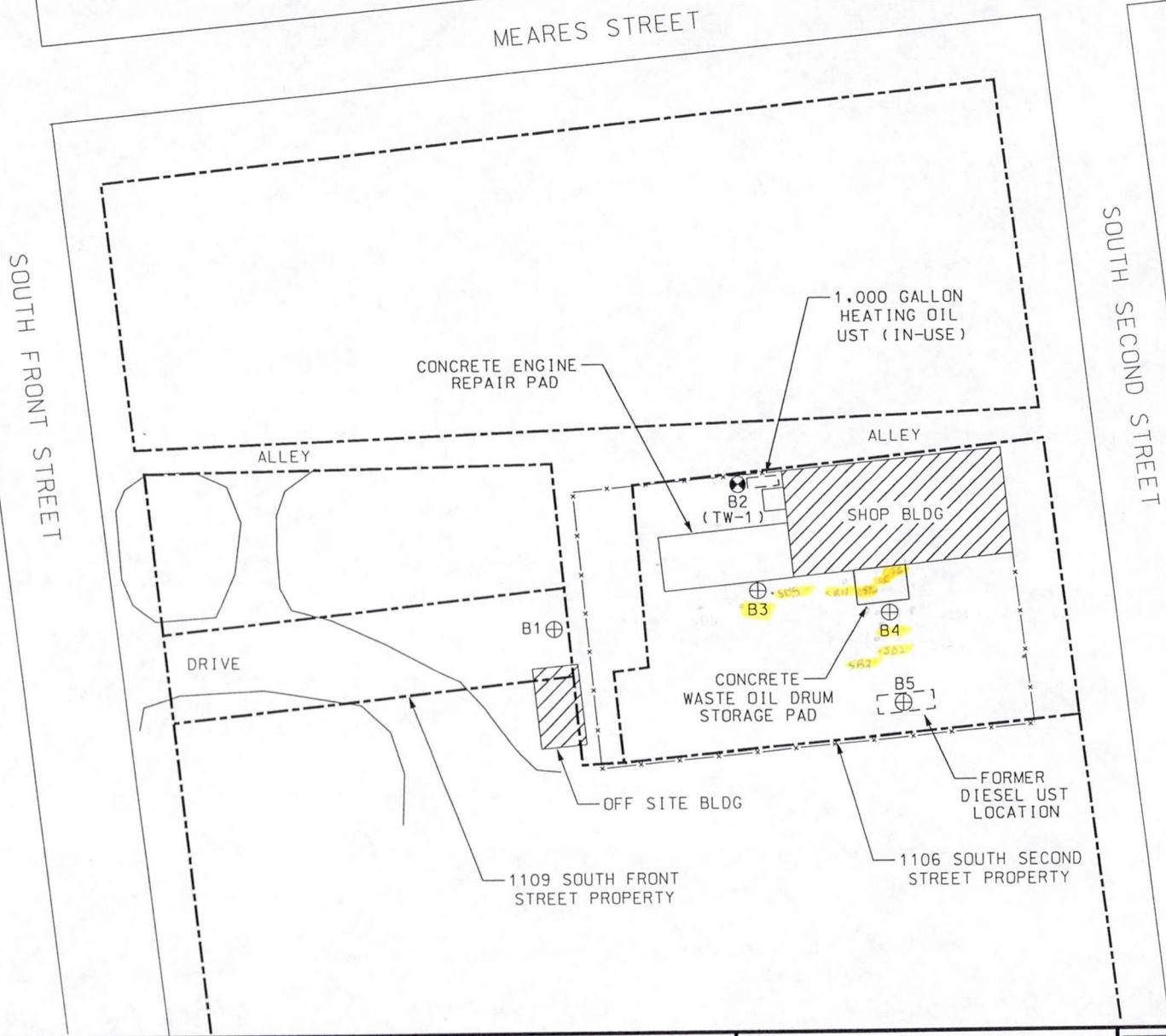


Map created 7/15/2007

0

125ft

FIGURE 3



SCALE: 1"=60'
DATE: 12/10/07
DWN. BY: HN
DWG. NO. PUCCI-B

TITLE:
SITE LAYOUT, SOIL BORING
& MONITORING WELL LOCATIONS

PROJECT:
PHASE II ASSESSMENT
1109 S. FRONT STREET &
1106 S. SECOND STREET

CLIENT:
JANET AND JOHN PUCCI
WILMINGTON, NC



HENRY NEMARGUT
ENGINEERING SERVICES
2211 CHESTNUT STREET
WILMINGTON, NORTH CAROLINA 28405
(910) 762-5475

APPENDIX A

SOIL AND GROUNDWATER

ANALYTICAL RESULTS



Case Narrative

Date: 12/07/07
Company: Henry Nemargut Engineering
Contact: Henry Nemargut
Address: 2211 Chestnut St.
Wilmington, NC 28405

Client Project ID: 1106 S. Second Street
Prism COC Group No: G1107607
Collection Date(s): 11/18/07
Lab Submittal Date(s): 11/21/07

This data package contains the analytical results for the project identified above and includes a Case Narrative, Laboratory Report and Quality Control Data totaling 29 pages. A chain-of-custody is also attached for the samples submitted to Prism for this project.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative. Quality control statements and/or sample specific remarks are included in the sample comments section of the laboratory report for each sample affected.

Semi Volatile Analysis

Analysis Note for Q28449 MSD Diesel Range Organics (DRO): RPD value outside the control limits.

Volatile Analysis

Analysis Note for Q28399 LCS Dichlorodifluoromethane: Recovery below the control limits. This compound was not detected in samples associated with this batch. No further action was taken.

Analysis Note for Q28399 MS 2,2-Dichloropropane: Recovery below the control limits. This compound was not detected in samples associated with this batch. No further action was taken.

Analysis Note for Q28399 MS Dichlorodifluoromethane: Recovery below the control limits. This compound was not detected in samples associated with this batch. No further action was taken.

Analysis Note for Q28399 MSD 1,2,3-Trichloropropane: RPD value outside the control limits.

Analysis Note for Q28399 MSD 2,2-Dichloropropane: Recovery below the control limits. This compound was not detected in samples associated with this batch. No further action was taken.

Analysis Note for Q28399 MSD Dichlorodifluoromethane: Recovery below the control limits. This compound was not detected in samples associated with this batch. No further action was taken.

Analysis Note for Q28489 MSD Gasoline Range Organics (GRO): Recovery above the control limits.

Metals Analysis

N/A

Wet Lab and Micro Analysis

N/A

Please call if you have any questions relating to this analytical report.

Date Reviewed by: Paula A. Gilleland

Project Manager: Angela D. Overcash

Signature:

Signature:

Review Date: 12/07/07

Approval Date:

12/07/07

Data Qualifiers Key Reference:

B: Compound also detected in the method blank.

#: Result outside of the QC limits.

DO: Compound diluted out.

E: Estimated concentration, calibration range exceeded.

J: The analyte was positively identified but the value is estimated below the reporting limit.

H: Estimated concentration with a high bias.

L: Estimated concentration with a low bias.

Notes: This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc. The results in this report relate only to the samples submitted for analysis.



PRISM
LABORATORIES, INC.

Case Narrative

Date: 12/07/07
Company: Henry Nemargut Engineering
Contact: Henry Nemargut
Address: 2211 Chestnut St.
Wilmington, NC 28405

Client Project ID: 1106 S. Second Street
Prism COC Group No: G1107607
Collection Date(s): 11/18/07
Lab Submittal Date(s): 11/21/07

M: A matrix effect is present.

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449 Springbrook Road, P.O. Box 240543, Charlotte NC 28224-0403
Phone: 704/529-6364 Toll Free: 800/529-6364 Fax: 704/525-0409



NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/07/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street
Sample Matrix: Soil

Client Sample ID: B2-7
Prism Sample ID: 199465
COC Group: G1107607
Time Collected: 11/18/07 12:30
Time Submitted: 11/21/07 8:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	82.1	%			1	SM2540 G	11/27/07 15:15	ddixon	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	BRL	mg/kg	8.3	1.0	1	8015B	11/27/07 20:11	jvogel	Q28449
Sample Preparation:			25.53 g	/	1 mL	3545	11/26/07 15:45	wconder	P20144
Surrogate % Recovery Control Limits									
						o-Terphenyl	81		49 - 124
Sample Weight Determination									
Weight 1	4.78	g			1	GRO	11/27/07 0:00	lbrown	
Weight 2	4.87	g			1	GRO	11/27/07 0:00	lbrown	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	BRL	mg/kg	6.1	0.63	50	8015B	11/30/07 14:05	wbradley	Q28489
						Surrogate	% Recovery		Control Limits
						aaa-TFT	92		55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/07/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street
Sample Matrix: Soil

Client Sample ID: B3-5
Prism Sample ID: 199466
COC Group: G1107607
Time Collected: 11/18/07 13:10
Time Submitted: 11/21/07 8:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
<u>Percent Solids Determination</u>									
Percent Solids	95.7	%			1	SM2540 G	11/26/07 15:29	rofin	
<u>Sample Weight Determination</u>									
Weight Bisulfate 1	4.65	g			1	5035	11/28/07 0:00	lbrown	
Weight Bisulfate 2	4.61	g			1	5035	11/28/07 0:00	lbrown	
Weight Methanol	4.29	g			1	5035	11/28/07 0:00	lbrown	
<u>Volatile Organic Compounds by GC/MS</u>									
1,1,1-Trichloroethane	BRL	mg/kg	0.0056 0.00031	1	8260B	12/04/07 12:03	erussell		Q28565
1,1,2,2-Tetrachloroethane	BRL	mg/kg	0.0056 0.00057	1	8260B	12/04/07 12:03	erussell		Q28565
1,1,2-Trichloroethane	BRL	mg/kg	0.0056 0.00035	1	8260B	12/04/07 12:03	erussell		Q28565
1,1-Dichloroethane	BRL	mg/kg	0.0056 0.0004	1	8260B	12/04/07 12:03	erussell		Q28565
1,1-Dichloroethene	BRL	mg/kg	0.0056 0.00043	1	8260B	12/04/07 12:03	erussell		Q28565
1,1-Dichloropropene	BRL	mg/kg	0.0056 0.00049	1	8260B	12/04/07 12:03	erussell		Q28565
1,2,3-Trichlorobenzene	BRL	mg/kg	0.0056 0.00062	1	8260B	12/04/07 12:03	erussell		Q28565
1,2,3-Trichloropropane	BRL	mg/kg	0.0056 0.00049	1	8260B	12/04/07 12:03	erussell		Q28565
1,2,4-Trichlorobenzene	BRL	mg/kg	0.0056 0.00054	1	8260B	12/04/07 12:03	erussell		Q28565
1,2,4-Trimethylbenzene	BRL	mg/kg	0.0056 0.00043	1	8260B	12/04/07 12:03	erussell		Q28565
1,2-Dibromoethane (EDB)	BRL	mg/kg	0.0056 0.0001	1	8260B	12/04/07 12:03	erussell		Q28565
1,2-Dichlorobenzene	BRL	mg/kg	0.0056 0.0003	1	8260B	12/04/07 12:03	erussell		Q28565
1,2-Dichloroethane	BRL	mg/kg	0.0056 0.00056	1	8260B	12/04/07 12:03	erussell		Q28565
1,2-Dichloropropane	BRL	mg/kg	0.0056 0.00042	1	8260B	12/04/07 12:03	erussell		Q28565
1,3,5-Trimethylbenzene	BRL	mg/kg	0.0056 0.00047	1	8260B	12/04/07 12:03	erussell		Q28565
1,3-Dichlorobenzene	BRL	mg/kg	0.0056 0.00048	1	8260B	12/04/07 12:03	erussell		Q28565
1,3-Dichloropropane	BRL	mg/kg	0.0056 0.00038	1	8260B	12/04/07 12:03	erussell		Q28565
1,4-Dichlorobenzene	BRL	mg/kg	0.0056 0.00044	1	8260B	12/04/07 12:03	erussell		Q28565
2,2-Dichloropropane	BRL	mg/kg	0.0056 0.00028	1	8260B	12/04/07 12:03	erussell		Q28565
2-Chlorotoluene	BRL	mg/kg	0.0056 0.00042	1	8260B	12/04/07 12:03	erussell		Q28565

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/07/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street
Sample Matrix: Soil

Client Sample ID: B3-5
Prism Sample ID: 199466
COC Group: G1107607
Time Collected: 11/18/07 13:10
Time Submitted: 11/21/07 8:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
2-Hexanone	BRL	mg/kg	0.056	0.00058	1	8260B	12/04/07 12:03	erussell	Q28565
4-Chlorotoluene	BRL	mg/kg	0.0056	0.00029	1	8260B	12/04/07 12:03	erussell	Q28565
4-Methyl-2-pentanone (MIBK)	BRL	mg/kg	0.056	0.00056	1	8260B	12/04/07 12:03	erussell	Q28565
Acetone	BRL	mg/kg	0.056	0.0022	1	8260B	12/04/07 12:03	erussell	Q28565
Benzene	BRL	mg/kg	0.0034	0.00045	1	8260B	12/04/07 12:03	erussell	Q28565
Bromobenzene	BRL	mg/kg	0.0056	0.00039	1	8260B	12/04/07 12:03	erussell	Q28565
Bromoform	BRL	mg/kg	0.0056	0.00034	1	8260B	12/04/07 12:03	erussell	Q28565
Bromodichloromethane	BRL	mg/kg	0.0056	0.00049	1	8260B	12/04/07 12:03	erussell	Q28565
Bromoform	BRL	mg/kg	0.0056	0.00042	1	8260B	12/04/07 12:03	erussell	Q28565
Bromomethane	BRL	mg/kg	0.011	0.00065	1	8260B	12/04/07 12:03	erussell	Q28565
Carbon tetrachloride	BRL	mg/kg	0.0056	0.00033	1	8260B	12/04/07 12:03	erussell	Q28565
Chlorobenzene	BRL	mg/kg	0.0056	0.00043	1	8260B	12/04/07 12:03	erussell	Q28565
Chlorodibromomethane	BRL	mg/kg	0.0056	0.00038	1	8260B	12/04/07 12:03	erussell	Q28565
Chloroethane	BRL	mg/kg	0.011	0.00046	1	8260B	12/04/07 12:03	erussell	Q28565
Chloroform	BRL	mg/kg	0.0056	0.00042	1	8260B	12/04/07 12:03	erussell	Q28565
Chloromethane	BRL	mg/kg	0.0056	0.00039	1	8260B	12/04/07 12:03	erussell	Q28565
cis-1,2-Dichloroethene	BRL	mg/kg	0.0056	0.00025	1	8260B	12/04/07 12:03	erussell	Q28565
cis-1,3-Dichloropropene	BRL	mg/kg	0.0056	0.00036	1	8260B	12/04/07 12:03	erussell	Q28565
Dichlorodifluoromethane	BRL	mg/kg	0.0056	0.0013	1	8260B	12/04/07 12:03	erussell	Q28565
Ethylbenzene	BRL	mg/kg	0.0056	0.00039	1	8260B	12/04/07 12:03	erussell	Q28565
Isopropyl ether (IPE)	BRL	mg/kg	0.0056	0.00019	1	8260B	12/04/07 12:03	erussell	Q28565
Isopropylbenzene	BRL	mg/kg	0.0056	0.00045	1	8260B	12/04/07 12:03	erussell	Q28565
m,p-Xylenes	BRL	mg/kg	0.011	0.00079	1	8260B	12/04/07 12:03	erussell	Q28565
Methyl ethyl ketone (MEK)	BRL	mg/kg	0.11	0.0016	1	8260B	12/04/07 12:03	erussell	Q28565
Methyl t-butyl ether (MTBE)	BRL	mg/kg	0.011	0.00033	1	8260B	12/04/07 12:03	erussell	Q28565
Methylene chloride	BRL	mg/kg	0.0056	0.00046	1	8260B	12/04/07 12:03	erussell	Q28565
n-Butylbenzene	BRL	mg/kg	0.0056	0.00045	1	8260B	12/04/07 12:03	erussell	Q28565

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/07/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street
Sample Matrix: Soil

Client Sample ID: B3-5
Prism Sample ID: 199466
COC Group: G1107607
Time Collected: 11/18/07 13:10
Time Submitted: 11/21/07 8:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Propylbenzene	BRL	mg/kg	0.0056	0.00034	1	8260B	12/04/07 12:03	erussell	Q28565
Naphthalene	BRL	mg/kg	0.011	0.00065	1	8260B	12/04/07 12:03	erussell	Q28565
o-Xylene	BRL	mg/kg	0.0056	0.00034	1	8260B	12/04/07 12:03	erussell	Q28565
p-Isopropyltoluene	BRL	mg/kg	0.0056	0.00046	1	8260B	12/04/07 12:03	erussell	Q28565
sec-Butylbenzene	BRL	mg/kg	0.0056	0.00037	1	8260B	12/04/07 12:03	erussell	Q28565
Styrene	BRL	mg/kg	0.0056	0.00056	1	8260B	12/04/07 12:03	erussell	Q28565
tert-Butylbenzene	BRL	mg/kg	0.0056	0.00035	1	8260B	12/04/07 12:03	erussell	Q28565
Tetrachloroethene	0.0076	mg/kg	0.0056	0.00097	1	8260B	12/04/07 12:03	erussell	Q28565
Toluene	BRL	mg/kg	0.0056	0.00038	1	8260B	12/04/07 12:03	erussell	Q28565
trans-1,2-Dichloroethene	BRL	mg/kg	0.0056	0.00043	1	8260B	12/04/07 12:03	erussell	Q28565
trans-1,3-Dichloropropene	BRL	mg/kg	0.0056	0.00039	1	8260B	12/04/07 12:03	erussell	Q28565
Trichloroethene	BRL	mg/kg	0.0056	0.00034	1	8260B	12/04/07 12:03	erussell	Q28565
Trichlorofluoromethane	BRL	mg/kg	0.0056	0.00046	1	8260B	12/04/07 12:03	erussell	Q28565
Vinyl acetate	BRL	mg/kg	0.028	0.0020	1	8260B	12/04/07 12:03	erussell	Q28565
Vinyl chloride	BRL	mg/kg	0.0056	0.00072	1	8260B	12/04/07 12:03	erussell	Q28565

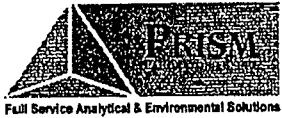
Sample was analyzed past holding time.

Surrogate	% Recovery	Control Limits
Toluene-d8	108	81 - 128
Dibromofluoromethane	111	67 - 143
Bromofluorobenzene	108	77 - 128

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NC Certification No. 402
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Laboratory Report

12/07/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street Client Sample ID: B3-5
Sample Matrix: Soil Prism Sample ID: 199466
COC Group: G1107607
Time Collected: 11/18/07 13:10
Time Submitted: 11/21/07 8:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Sample Comment(s):

BRL = Below Reporting Limit

J=Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/07/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street
Sample Matrix: Soil

Client Sample ID: B4-5
Prism Sample ID: 199467
COC Group: G1107607
Time Collected: 11/18/07 13:50
Time Submitted: 11/21/07 8:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	79.5	%			1	SM2540 G	11/26/07 15:29	rlotin	
Sample Weight Determination									
Weight Bisulfate 1	5.23	g			1	5035	11/28/07 0:00	lbrown	
Weight Bisulfate 2	4.98	g			1	5035	11/28/07 0:00	lbrown	
Weight Methanol	4.88	g			1	5035	11/28/07 0:00	lbrown	
Volatile Organic Compounds by GC/MS									
1,1,1-Trichloroethane	BRL	mg/kg	0.0060	0.00034	1	8260B	12/04/07 12:34	erussell	Q28565
1,1,2,2-Tetrachloroethane	BRL	mg/kg	0.0060	0.00061	1	8260B	12/04/07 12:34	erussell	Q28565
1,1,2-Trichloroethane	BRL	mg/kg	0.0060	0.00037	1	8260B	12/04/07 12:34	erussell	Q28565
1,1-Dichloroethane	BRL	mg/kg	0.0060	0.00043	1	8260B	12/04/07 12:34	erussell	Q28565
1,1-Dichloroethene	BRL	mg/kg	0.0060	0.00046	1	8260B	12/04/07 12:34	erussell	Q28565
1,1-Dichloropropene	BRL	mg/kg	0.0060	0.00053	1	8260B	12/04/07 12:34	erussell	Q28565
1,2,3-Trichlorobenzene	BRL	mg/kg	0.0060	0.00066	1	8260B	12/04/07 12:34	erussell	Q28565
1,2,3-Trichloropropane	BRL	mg/kg	0.0060	0.00053	1	8260B	12/04/07 12:34	erussell	Q28565
1,2,4-Trichlorobenzene	BRL	mg/kg	0.0060	0.00058	1	8260B	12/04/07 12:34	erussell	Q28565
1,2,4-Trimethylbenzene	BRL	mg/kg	0.0060	0.00046	1	8260B	12/04/07 12:34	erussell	Q28565
1,2-Dibromoethane (EDB)	BRL	mg/kg	0.0060	0.00011	1	8260B	12/04/07 12:34	erussell	Q28565
1,2-Dichlorobenzene	BRL	mg/kg	0.0060	0.00032	1	8260B	12/04/07 12:34	erussell	Q28565
1,2-Dichloroethane	BRL	mg/kg	0.0060	0.0006	1	8260B	12/04/07 12:34	erussell	Q28565
1,2-Dichloropropane	BRL	mg/kg	0.0060	0.00044	1	8260B	12/04/07 12:34	erussell	Q28565
1,3,5-Trimethylbenzene	BRL	mg/kg	0.0060	0.00051	1	8260B	12/04/07 12:34	erussell	Q28565
1,3-Dichlorobenzene	BRL	mg/kg	0.0060	0.00052	1	8260B	12/04/07 12:34	erussell	Q28565
1,3-Dichloropropane	BRL	mg/kg	0.0060	0.00041	1	8260B	12/04/07 12:34	erussell	Q28565
1,4-Dichlorobenzene	BRL	mg/kg	0.0060	0.00047	1	8260B	12/04/07 12:34	erussell	Q28565
2,2-Dichloropropane	BRL	mg/kg	0.0060	0.0003	1	8260B	12/04/07 12:34	erussell	Q28565
2-Chlorotoluene	BRL	mg/kg	0.0060	0.00044	1	8260B	12/04/07 12:34	erussell	Q28565

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NC Certification No. 402
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NC Drinking Water Cert. No. 37735

Laboratory Report

12/07/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street
Sample Matrix: Soil

Client Sample ID: B4-5
Prism Sample ID: 199467
COC Group: G1107607
Time Collected: 11/18/07 13:50
Time Submitted: 11/21/07 8:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
2-Hexanone	BRL	mg/kg	0.060	0.00063	1	8260B	12/04/07 12:34	erussell	Q28565
4-Chlorotoluene	BRL	mg/kg	0.0060	0.00031	1	8260B	12/04/07 12:34	erussell	Q28565
4-Methyl-2-pentanone (MIBK)	BRL	mg/kg	0.060	0.0006	1	8260B	12/04/07 12:34	erussell	Q28565
Acetone	0.075	mg/kg	0.060	0.0024	1	8260B	12/04/07 12:34	erussell	Q28565
Benzene	BRL	mg/kg	0.0036	0.00048	1	8260B	12/04/07 12:34	erussell	Q28565
Bromobenzene	BRL	mg/kg	0.0060	0.00042	1	8260B	12/04/07 12:34	erussell	Q28565
Bromoform	BRL	mg/kg	0.0060	0.00036	1	8260B	12/04/07 12:34	erussell	Q28565
Bromomethane	BRL	mg/kg	0.0060	0.00053	1	8260B	12/04/07 12:34	erussell	Q28565
Bromodichloromethane	BRL	mg/kg	0.0060	0.00044	1	8260B	12/04/07 12:34	erussell	Q28565
Bromoform	BRL	mg/kg	0.012	0.0007	1	8260B	12/04/07 12:34	erussell	Q28565
Bromomethane	BRL	mg/kg	0.0060	0.00035	1	8260B	12/04/07 12:34	erussell	Q28565
Carbon tetrachloride	BRL	mg/kg	0.0060	0.00046	1	8260B	12/04/07 12:34	erussell	Q28565
Chlorobenzene	BRL	mg/kg	0.0060	0.00046	1	8260B	12/04/07 12:34	erussell	Q28565
Chlorodibromomethane	BRL	mg/kg	0.0060	0.00041	1	8260B	12/04/07 12:34	erussell	Q28565
Chloroethane	BRL	mg/kg	0.012	0.00049	1	8260B	12/04/07 12:34	erussell	Q28565
Chloroform	BRL	mg/kg	0.0060	0.00044	1	8260B	12/04/07 12:34	erussell	Q28565
Chloromethane	BRL	mg/kg	0.0060	0.00042	1	8260B	12/04/07 12:34	erussell	Q28565
cis-1,2-Dichloroethene	BRL	mg/kg	0.0060	0.00026	1	8260B	12/04/07 12:34	erussell	Q28565
cis-1,3-Dichloropropene	BRL	mg/kg	0.0060	0.00038	1	8260B	12/04/07 12:34	erussell	Q28565
Dichlorodifluoromethane	BRL	mg/kg	0.0060	0.0013	1	8260B	12/04/07 12:34	erussell	Q28565
Ethylbenzene	BRL	mg/kg	0.0060	0.00042	1	8260B	12/04/07 12:34	erussell	Q28565
Isopropyl ether (IPE)	BRL	mg/kg	0.0060	0.0002	1	8260B	12/04/07 12:34	erussell	Q28565
Isopropylbenzene	BRL	mg/kg	0.0060	0.00048	1	8260B	12/04/07 12:34	erussell	Q28565
m,p-Xylenes	BRL	mg/kg	0.012	0.00084	1	8260B	12/04/07 12:34	erussell	Q28565
Methyl ethyl ketone (MEK)	BRL	mg/kg	0.12	0.0017	1	8260B	12/04/07 12:34	erussell	Q28565
Methyl t-butyl ether (MTBE)	BRL	mg/kg	0.012	0.00035	1	8260B	12/04/07 12:34	erussell	Q28565
Methylene chloride	BRL	mg/kg	0.0060	0.00049	1	8260B	12/04/07 12:34	erussell	Q28565
n-Butylbenzene	BRL	mg/kg	0.0060	0.00048	1	8260B	12/04/07 12:34	erussell	Q28565

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/07/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street
Sample Matrix: Soil

Client Sample ID: B4-5
Prism Sample ID: 199467
COC Group: G1107607
Time Collected: 11/18/07 13:50
Time Submitted: 11/21/07 8:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Propylbenzene	BRL	mg/kg	0.0060	0.00036	1	8260B	12/04/07 12:34	erussell	Q28565
Naphthalene	BRL	mg/kg	0.012	0.0007	1	8260B	12/04/07 12:34	erussell	Q28565
o-Xylene	BRL	mg/kg	0.0060	0.00036	1	8260B	12/04/07 12:34	erussell	Q28565
p-Isopropyltoluene	BRL	mg/kg	0.0060	0.00049	1	8260B	12/04/07 12:34	erussell	Q28565
sec-Butylbenzene	BRL	mg/kg	0.0060	0.0004	1	8260B	12/04/07 12:34	erussell	Q28565
Styrene	BRL	mg/kg	0.0060	0.0006	1	8260B	12/04/07 12:34	erussell	Q28565
tert-Butylbenzene	BRL	mg/kg	0.0060	0.00037	1	8260B	12/04/07 12:34	erussell	Q28565
Tetrachloroethene	0.26	mg/kg	0.0060	0.0010	1	8260B	12/04/07 12:34	erussell	Q28565
Toluene	BRL	mg/kg	0.0060	0.00041	1	8260B	12/04/07 12:34	erussell	Q28565
trans-1,2-Dichloroethene	BRL	mg/kg	0.0060	0.00046	1	8260B	12/04/07 12:34	erussell	Q28565
trans-1,3-Dichloropropene	BRL	mg/kg	0.0060	0.00042	1	8260B	12/04/07 12:34	erussell	Q28565
Trichloroethene	BRL	mg/kg	0.0060	0.00036	1	8260B	12/04/07 12:34	erussell	Q28565
Trichlorofluoromethane	BRL	mg/kg	0.0060	0.00049	1	8260B	12/04/07 12:34	erussell	Q28565
Vinyl acetate	BRL	mg/kg	0.030	0.0022	1	8260B	12/04/07 12:34	erussell	Q28565
Vinyl chloride	BRL	mg/kg	0.0060	0.00077	1	8260B	12/04/07 12:34	erussell	Q28565

Sample was analyzed past holding time.

Surrogate	% Recovery	Control Limits
Toluene-d8	109	81 - 128
Dibromofluoromethane	111	67 - 143
Bromofluorobenzene	109	77 - 128

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NC Certification No. 402
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NC Drinking Water Cert. No. 37735

Laboratory Report

12/07/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street
Sample Matrix: Soil

Client Sample ID: B4-5
Prism Sample ID: 199467
COC Group: G1107607
Time Collected: 11/18/07 13:50
Time Submitted: 11/21/07 8:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Sample Comment(s):

BRL = Below Reporting Limit

J= Estimated value between the Reporting Limit and the MDL.

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Laboratory Report

12/07/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street
Sample Matrix: Soil

Client Sample ID: B5-10
Prism Sample ID: 199468
COC Group: G1107607
Time Collected: 11/18/07 14:50
Time Submitted: 11/21/07 8:00

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID						
<u>Percent Solids Determination</u>															
Percent Solids	79.0	%			1	SM2540 G	11/27/07 15:15	ddixon							
<u>Diesel Range Organics (DRO) by GC-FID</u>															
Diesel Range Organics (DRO)	BRL	mg/kg	8.8	1.1	1	8015B	11/27/07 20:49	lvogel	Q28449						
Sample Preparation:			25.15 g	/	1 mL	3545	11/26/07 15:45	wconder	P20144						
<table border="1"><thead><tr><th>Surrogate</th><th>% Recovery</th><th>Control Limits</th></tr></thead><tbody><tr><td>o-Terphenyl</td><td>67</td><td>49 - 124</td></tr></tbody></table>										Surrogate	% Recovery	Control Limits	o-Terphenyl	67	49 - 124
Surrogate	% Recovery	Control Limits													
o-Terphenyl	67	49 - 124													
<u>Sample Weight Determination</u>															
Weight 1	5.06	g			1	GRO	11/27/07 0:00	Lbrown							
Weight 2	5.31	g			1	GRO	11/27/07 0:00	Lbrown							
<u>Gasoline Range Organics (GRO) by GC-FID</u>															
Gasoline Range Organics (GRO)	BRL	mg/kg	6.3	0.66	50	8015B	11/29/07 19:32	wbradley	Q28489						
<table border="1"><thead><tr><th>Surrogate</th><th>% Recovery</th><th>Control Limits</th></tr></thead><tbody><tr><td>aaa-TFT</td><td>124</td><td>55 - 129</td></tr></tbody></table>										Surrogate	% Recovery	Control Limits	aaa-TFT	124	55 - 129
Surrogate	% Recovery	Control Limits													
aaa-TFT	124	55 - 129													

Sample Comment(s):

BRL = Below Reporting Limit

J= Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/07/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street
Sample Matrix: Water

Client Sample ID: TW-1A
Prism Sample ID: 199469-1
COC Group: G1107607
Time Collected: 11/18/07 15:30
Time Submitted: 11/21/07 8:00
Aliquoted Sampl 199469

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	0.50	0.29	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
1,1,1-Trichloroethane	BRL	µg/L	0.50	0.24	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
1,1,2,2-Tetrachloroethane	BRL	µg/L	0.50	0.23	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
1,1,2-Trichloroethane	BRL	µg/L	0.50	0.33	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
1,1-Dichloroethane	BRL	µg/L	0.50	0.23	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
1,1-Dichloroethene	BRL	µg/L	0.50	0.25	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
1,1-Dichloropropene	BRL	µg/L	0.50	0.20	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
1,2,3-Trichlorobenzene	BRL	µg/L	2.0	0.27	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
1,2,3-Trichloropropane	BRL	µg/L	1.0	0.27	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
1,2,4-Trichlorobenzene	BRL	µg/L	1.0	0.28	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
1,2,4-Trimethylbenzene	BRL	µg/L	0.50	0.25	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
1,2-Dibromo-3-chloropropane	BRL	µg/L	2.0	0.87	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
1,2-Dibromoethane (EDB)	BRL	µg/L	0.50	0.35	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
1,2-Dichlorobenzene	BRL	µg/L	0.50	0.30	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
1,2-Dichloroethane	BRL	µg/L	0.50	0.30	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
1,2-Dichloropropane	BRL	µg/L	0.50	0.26	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
1,3,5-Trimethylbenzene	BRL	µg/L	0.50	0.25	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
1,3-Dichlorobenzene	BRL	µg/L	0.50	0.30	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
1,3-Dichloropropane	BRL	µg/L	0.50	0.29	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
1,4-Dichlorobenzene	BRL	µg/L	0.50	0.29	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
2,2-Dichloropropane	BRL	µg/L	2.0	0.47	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
2-Chlorotoluene	BRL	µg/L	0.50	0.25	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
4-Chlorotoluene	BRL	µg/L	0.50	0.24	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Benzene	BRL	µg/L	0.50	0.24	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Bromobenzene	BRL	µg/L	0.50	0.28	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Bromochloromethane	BRL	µg/L	0.50	0.36	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Bromodichloromethane	BRL	µg/L	0.50	0.26	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/07/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street
Sample Matrix: Water

Client Sample ID: TW-1A
Prism Sample ID: 199469-1
COC Group: G1107607
Time Collected: 11/18/07 15:30
Time Submitted: 11/21/07 8:00
Aliquoted Sampl 199469

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromoform	BRL	µg/L	2.0	0.29	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Bromomethane	BRL	µg/L	1.0	0.28	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Carbon tetrachloride	BRL	µg/L	0.50	0.26	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Chlorobenzene	BRL	µg/L	0.50	0.27	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Chlorodibromomethane	BRL	µg/L	0.50	0.32	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Chloroethane	BRL	µg/L	0.50	0.31	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Chloroform	BRL	µg/L	0.50	0.29	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Chloromethane	2.2	µg/L	0.50	0.23	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
cis-1,2-Dichloroethene	BRL	µg/L	0.50	0.24	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Dibromomethane	BRL	µg/L	0.50	0.40	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Dichlorodifluoromethane	BRL	µg/L	1.0	0.24	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Ethylbenzene	BRL	µg/L	0.50	0.23	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Hexachlorobutadiene	BRL	µg/L	2.0	0.32	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Isopropyl ether (IPE)	BRL	µg/L	0.50	0.20	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Isopropylbenzene	BRL	µg/L	0.50	0.21	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
m,p-Xylenes	BRL	µg/L	1.0	0.51	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Methyl t-butyl ether (MTBE)	BRL	µg/L	0.50	0.29	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Methylene chloride	BRL	µg/L	2.0	0.22	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
n-Butylbenzene	BRL	µg/L	1.0	0.22	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
n-Propylbenzene	BRL	µg/L	0.50	0.25	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Naphthalene	BRL	µg/L	2.0	0.19	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
o-Xylene	BRL	µg/L	0.50	0.22	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
p-Isopropyltoluene	BRL	µg/L	0.50	0.24	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
sec-Butylbenzene	BRL	µg/L	0.50	0.25	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Styrene	BRL	µg/L	0.50	0.22	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
tert-Butylbenzene	BRL	µg/L	0.50	0.22	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Tetrachloroethene	0.34 J	µg/L	0.50	0.28	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570

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Page 15 of 16



NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

12/07/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street
Sample Matrix: Water

Client Sample ID: TW-1A
Prism Sample ID: 199469-1
COC Group: G1107607
Time Collected: 11/18/07 15:30
Time Submitted: 11/21/07 8:00
Allquoted Sampl 199469

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Toluene	BRL	µg/L	0.50	0.25	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
trans-1,2-Dichloroethene	BRL	µg/L	0.50	0.24	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Trichloroethene	BRL	µg/L	0.50	0.40	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Trichlorofluoromethane	BRL	µg/L	0.50	0.28	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570
Vinyl chloride	BRL	µg/L	0.50	0.25	1	SM6210 D	12/04/07 23:53	Iwtry	Q28570

Sample was analyzed past holding time.

Surrogate	% Recovery	Control Limits
Toluene-d8	101	60 - 140
Dibromofluoromethane	85	60 - 140
Bromofluorobenzene	115	60 - 140

Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a wet-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Level II QC Report

12/7/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street

COC Group Number: G1107607
Date/Time Submitted: 11/21/07 8:00

Volatile Organic Compounds by GC/MS, method SM6210 D

Method Blank	Result	RL	Control Limit	Units	QC Batch ID
1,1,1,2-Tetrachloroethane	ND	0.5	<0.25	µg/L	Q28399
1,1,1-Trichloroethane	ND	0.5	<0.25	µg/L	Q28399
1,1,2,2-Tetrachloroethane	ND	0.5	<0.25	µg/L	Q28399
1,1,2-Trichloroethane	ND	0.5	<0.25	µg/L	Q28399
1,1-Dichloroethane	ND	0.5	<0.25	µg/L	Q28399
1,1-Dichloroethene	ND	0.5	<0.25	µg/L	Q28399
1,1-Dichloropropene	ND	0.5	<0.25	µg/L	Q28399
1,2,3-Trichlorobenzene	ND	2	<1	µg/L	Q28399
1,2,3-Trichloropropane	ND	1	<0.5	µg/L	Q28399
1,2,4-Trichlorobenzene	ND	1	<0.5	µg/L	Q28399
1,2,4-Trimethylbenzene	ND	0.5	<0.25	µg/L	Q28399
1,2-Dibromo-3-chloropropane	ND	2	<1	µg/L	Q28399
1,2-Dibromoethane (EDB)	ND	0.5	<0.25	µg/L	Q28399
1,2-Dichlorobenzene	ND	0.5	<0.25	µg/L	Q28399
1,2-Dichloroethane	ND	0.5	<0.25	µg/L	Q28399
1,2-Dichloropropane	ND	0.5	<0.25	µg/L	Q28399
1,3,5-Trimethylbenzene	ND	0.5	<0.25	µg/L	Q28399
1,3-Dichlorobenzene	ND	0.5	<0.25	µg/L	Q28399
1,3-Dichloropropane	ND	0.5	<0.25	µg/L	Q28399
1,4-Dichlorobenzene	ND	0.5	<0.25	µg/L	Q28399
2,2-Dichloropropane	ND	2	<1	µg/L	Q28399
2-Chlorotoluene	ND	0.5	<0.25	µg/L	Q28399
4-Chlorotoluene	ND	0.5	<0.25	µg/L	Q28399
Benzene	ND	0.5	<0.25	µg/L	Q28399
Bromobenzene	ND	0.5	<0.25	µg/L	Q28399
Bromochloromethane	ND	0.5	<0.25	µg/L	Q28399
Bromodichloromethane	ND	0.5	<0.25	µg/L	Q28399
Bromoform	ND	2	<1	µg/L	Q28399
Bromomethane	ND	1	<0.5	µg/L	Q28399
Carbon tetrachloride	ND	0.5	<0.25	µg/L	Q28399
Chlorobenzene	ND	0.5	<0.25	µg/L	Q28399
Chlorodibromomethane	ND	0.5	<0.25	µg/L	Q28399
Chloroethane	ND	0.5	<0.25	µg/L	Q28399
Chloroform	ND	0.5	<0.25	µg/L	Q28399

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Level II QC Report

12/7/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street

COC Group Number: G1107607
Date/Time Submitted: 11/21/07 8:00

Method Blank	Result	RL	Control Limit	Units	QC Batch ID
Chloromethane	ND	0.5	<0.25	µg/L	Q28399
cis-1,2-Dichloroethene	ND	0.5	<0.25	µg/L	Q28399
Dibromomethane	ND	0.5	<0.25	µg/L	Q28399
Dichlorodifluoromethane	ND	1	<0.5	µg/L	Q28399
Ethylbenzene	ND	0.5	<0.25	µg/L	Q28399
Hexachlorobutadiene	ND	2	<1	µg/L	Q28399
Isopropyl ether (IPE)	ND	0.5	<0.25	µg/L	Q28399
Isopropylbenzene	ND	0.5	<0.25	µg/L	Q28399
m,p-Xylenes	ND	1	<0.5	µg/L	Q28399
Methyl t-butyl ether (MTBE)	ND	0.5	<0.25	µg/L	Q28399
Methylene chloride	ND	2	<1	µg/L	Q28399
n-Butylbenzene	ND	1	<0.5	µg/L	Q28399
n-Propylbenzene	ND	0.5	<0.25	µg/L	Q28399
Naphthalene	ND	2	<1	µg/L	Q28399
o-Xylene	ND	0.5	<0.25	µg/L	Q28399
p-Isopropyltoluene	ND	0.5	<0.25	µg/L	Q28399
sec-Butylbenzene	ND	0.5	<0.25	µg/L	Q28399
Styrene	ND	0.5	<0.25	µg/L	Q28399
tert-Butylbenzene	ND	0.5	<0.25	µg/L	Q28399
Tetrachloroethene	ND	0.5	<0.25	µg/L	Q28399
Toluene	ND	0.5	<0.25	µg/L	Q28399
trans-1,2-Dichloroethene	ND	0.5	<0.25	µg/L	Q28399
Trichloroethene	ND	0.5	<0.25	µg/L	Q28399
Trichlorofluoromethane	ND	0.5	<0.25	µg/L	Q28399
Vinyl chloride	ND	0.5	<0.25	µg/L	Q28399

Laboratory Control Sample	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
1,1,1,2-Tetrachloroethane	19.34	20	µg/L	97	60-140	Q28399
1,1,1-Trichloroethane	20.03	20	µg/L	100	60-140	Q28399
1,1,2,2-Tetrachloroethane	17.14	20	µg/L	86	60-140	Q28399
1,1,2-Trichloroethane	18.68	20	µg/L	93	60-140	Q28399
1,1-Dichloroethane	16.34	20	µg/L	82	60-140	Q28399
1,1-Dichloroethene	15.52	20	µg/L	78	60-140	Q28399
1,1-Dichloropropene	15.87	20	µg/L	79	60-140	Q28399
1,2,3-Trichlorobenzene	15.85	20	µg/L	79	60-140	Q28399
1,2,3-Trichloropropane	16.96	20	µg/L	85	60-140	Q28399

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Level II QC Report

12/7/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street COC Group Number: G1107607
Date/Time Submitted: 11/21/07 8:00

Laboratory Control Sample	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
1,2,4-Trichlorobenzene	15.06	20	µg/L	75	60-140	Q28399
1,2,4-Trimethylbenzene	16.37	20	µg/L	82	60-140	Q28399
1,2-Dibromo-3-chloropropane	21.25	20	µg/L	106	60-140	Q28399
1,2-Dibromoethane (EDB)	19.3	20	µg/L	97	60-140	Q28399
1,2-Dichlorobenzene	17.77	20	µg/L	89	60-140	Q28399
1,2-Dichloroethane	16.79	20	µg/L	84	60-140	Q28399
1,2-Dichloropropane	17.69	20	µg/L	88	60-140	Q28399
1,3,5-Trimethylbenzene	16.36	20	µg/L	82	60-140	Q28399
1,3-Dichlorobenzene	16.66	20	µg/L	83	60-140	Q28399
1,3-Dichloropropane	17.72	20	µg/L	89	60-140	Q28399
1,4-Dichlorobenzene	16.25	20	µg/L	81	60-140	Q28399
2,2-Dichloropropane	12.31	20	µg/L	62	60-140	Q28399
2-Chlorotoluene	16.2	20	µg/L	81	60-140	Q28399
4-Chlorotoluene	16.67	20	µg/L	83	60-140	Q28399
Benzene	17.57	20	µg/L	88	60-140	Q28399
Bromobenzene	16.38	20	µg/L	82	60-140	Q28399
Bromoform	17.78	20	µg/L	89	60-140	Q28399
Bromodichloromethane	19.56	20	µg/L	98	60-140	Q28399
Bromoform	21.32	20	µg/L	107	60-140	Q28399
Bromomethane	15.27	20	µg/L	76	60-140	Q28399
Carbon tetrachloride	20.32	20	µg/L	102	60-140	Q28399
Chlorobenzene	16.57	20	µg/L	83	60-140	Q28399
Chlorodibromomethane	20.37	20	µg/L	102	60-140	Q28399
Chloroethane	14.65	20	µg/L	73	60-140	Q28399
Chloroform	17.72	20	µg/L	89	60-140	Q28399
Chloromethane	14.03	20	µg/L	70	60-140	Q28399
cis-1,2-Dichloroethene	16.53	20	µg/L	83	60-140	Q28399
Dibromomethane	18.25	20	µg/L	91	60-140	Q28399
Dichlorodifluoromethane	9.96	20	µg/L	50 #	60-140	Q28399
Ethylbenzene	16.51	20	µg/L	83	60-140	Q28399
Hexachlorobutadiene	14.9	20	µg/L	75	60-140	Q28399
Isopropyl ether (IPE)	16.14	20	µg/L	81	60-140	Q28399
Isopropylbenzene	16.71	20	µg/L	84	60-140	Q28399
m,p-Xylenes	34.5	40	µg/L	86	60-140	Q28399
Methyl t-butyl ether (MTBE)	17.78	20	µg/L	89	60-140	Q28399
Methylene chloride	16.2	20	µg/L	81	60-140	Q28399

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NC Drinking Water Cert. No. 37735

Level II QC Report

12/7/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street

COC Group Number: G1107607

Date/Time Submitted: 11/21/07 8:00

Laboratory Control Sample	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID	
n-Butylbenzene	15.99	20	µg/L	80	60-140	Q28399	
n-Propylbenzene	16.43	20	µg/L	82	60-140	Q28399	
Naphthalene	15.78	20	µg/L	79	60-140	Q28399	
o-Xylene	17.02	20	µg/L	85	60-140	Q28399	
p-Isopropyltoluene	16.41	20	µg/L	82	60-140	Q28399	
sec-Butylbenzene	15.44	20	µg/L	77	60-140	Q28399	
Styrene	17.44	20	µg/L	87	60-140	Q28399	
tert-Butylbenzene	16.22	20	µg/L	81	60-140	Q28399	
Tetrachloroethene	15.97	20	µg/L	80	60-140	Q28399	
Toluene	17.55	20	µg/L	88	60-140	Q28399	
trans-1,2-Dichloroethene	15.82	20	µg/L	79	60-140	Q28399	
Trichloroethene	17.06	20	µg/L	85	60-140	Q28399	
Trichlorofluoromethane	15.55	20	µg/L	78	60-140	Q28399	
Vinyl chloride	14.37	20	µg/L	72	60-140	Q28399	
Matrix Spike	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID	
Sample ID:							
199344	1,1,1,2-Tetrachloroethane	778.4	800	µg/L	97	60-140	Q28399
	1,1,1-Trichloroethane	807.2	800	µg/L	101	60-140	Q28399
	1,1,2,2-Tetrachloroethane	734	800	µg/L	92	60-140	Q28399
	1,1,2-Trichloroethane	754.4	800	µg/L	94	60-140	Q28399
	1,1-Dichloroethane	661.6	800	µg/L	83	60-140	Q28399
	1,1-Dichloroethene	610.4	800	µg/L	76	60-140	Q28399
	1,1-Dichloropropene	636.8	800	µg/L	80	60-140	Q28399
	1,2,3-Trichlorobenzene	678	800	µg/L	85	60-140	Q28399
	1,2,3-Trichloropropane	778	800	µg/L	97	60-140	Q28399
	1,2,4-Trichlorobenzene	633.6	800	µg/L	79	60-140	Q28399
	1,2,4-Trimethylbenzene	643.6	800	µg/L	80	60-140	Q28399
	1,2-Dibromo-3-chloropropane	902	800	µg/L	113	60-140	Q28399
	1,2-Dibromoethane (EDB)	799.6	800	µg/L	100	60-140	Q28399
	1,2-Dichlorobenzene	709.2	800	µg/L	89	60-140	Q28399
	1,2-Dichloroethane	670	800	µg/L	84	60-140	Q28399
	1,2-Dichloropropane	720	800	µg/L	90	60-140	Q28399
	1,3,5-Trimethylbenzene	650.8	800	µg/L	81	60-140	Q28399
	1,3-Dichlorobenzene	660.8	800	µg/L	83	60-140	Q28399
	1,3-Dichloropropane	720	800	µg/L	90	60-140	Q28399
	1,4-Dichlorobenzene	644.8	800	µg/L	81	60-140	Q28399

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Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Level II QC Report

12/7/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street COC Group Number: G1107607
Date/Time Submitted: 11/21/07 8:00

Matrix Spike Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
199344 2,2-Dichloropropane	454	800	µg/L	57 #	60-140	Q28399
2-Chlorotoluene	645.2	800	µg/L	81	60-140	Q28399
4-Chlorotoluene	646.8	800	µg/L	81	60-140	Q28399
Benzene	700	800	µg/L	88	60-140	Q28399
Bromobenzene	655.2	800	µg/L	82	60-140	Q28399
Bromochloromethane	724.8	800	µg/L	91	60-140	Q28399
Bromodichloromethane	783.2	800	µg/L	98	60-140	Q28399
Bromoform	871.2	800	µg/L	109	60-140	Q28399
Bromomethane	620.4	800	µg/L	78	60-140	Q28399
Carbon tetrachloride	818.4	800	µg/L	102	60-140	Q28399
Chlorobenzene	670	800	µg/L	84	60-140	Q28399
Chlorodibromomethane	834.4	800	µg/L	104	60-140	Q28399
Chloroethane	585.6	800	µg/L	73	60-140	Q28399
Chloroform	713.6	800	µg/L	89	60-140	Q28399
Chloromethane	576.8	800	µg/L	72	60-140	Q28399
cis-1,2-Dichloroethene	695.6	800	µg/L	87	60-140	Q28399
Dibromomethane	717.6	800	µg/L	90	60-140	Q28399
Dichlorodifluoromethane	400.8	800	µg/L	50 #	60-140	Q28399
Ethylbenzene	662.8	800	µg/L	83	60-140	Q28399
Hexachlorobutadiene	610.4	800	µg/L	76	60-140	Q28399
Isopropyl ether (IPE)	666	800	µg/L	83	60-140	Q28399
Isopropylbenzene	660.4	800	µg/L	83	60-140	Q28399
m,p-Xylenes	1379.2	1600	µg/L	86	60-140	Q28399
Methyl t-butyl ether (MTBE)	748	800	µg/L	94	60-140	Q28399
Methylene chloride	657.6	800	µg/L	82	60-140	Q28399
n-Butylbenzene	639.2	800	µg/L	80	60-140	Q28399
n-Propylbenzene	652	800	µg/L	82	60-140	Q28399
Naphthalene	684	800	µg/L	86	60-140	Q28399
o-Xylene	702.8	800	µg/L	88	60-140	Q28399
p-Isopropyltoluene	660.4	800	µg/L	83	60-140	Q28399
sec-Butylbenzene	612.4	800	µg/L	77	60-140	Q28399
Styrene	683.6	800	µg/L	85	60-140	Q28399
tert-Butylbenzene	646.4	800	µg/L	81	60-140	Q28399
Tetrachloroethene	631.6	800	µg/L	79	60-140	Q28399
Toluene	702	800	µg/L	88	60-140	Q28399
trans-1,2-Dichloroethene	638.4	800	µg/L	80	60-140	Q28399

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Level II QC Report

12/7/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street COC Group Number: G1107607
Date/Time Submitted: 11/21/07 8:00

Matrix Spike	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID		
199344 Trichloroethene	660.8	800	µg/L	83	60-140	Q28399		
Trichlorofluoromethane	611.6	800	µg/L	76	60-140	Q28399		
Vinyl chloride	584.8	800	µg/L	73	60-140	Q28399		
Matrix Spike Duplicate	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
199344 1,1,1,2-Tetrachloroethane	703.2	800	µg/L	88	60-140	10	0 - 20	Q28399
1,1,1-Trichloroethane	708.8	800	µg/L	89	60-140	13	0 - 20	Q28399
1,1,2,2-Tetrachloroethane	650	800	µg/L	81	60-140	12	0 - 20	Q28399
1,1,2-Trichloroethane	693.6	800	µg/L	87	60-140	8	0 - 20	Q28399
1,1-Dichloroethane	597.6	800	µg/L	75	60-140	10	0 - 20	Q28399
1,1-Dichloroethene	533.2	800	µg/L	67	60-140	14	0 - 20	Q28399
1,1-Dichloropropene	557.2	800	µg/L	70	60-140	13	0 - 20	Q28399
1,2,3-Trichlorobenzene	631.6	800	µg/L	79	60-140	7	0 - 20	Q28399
1,2,3-Trichloropropane	615.2	800	µg/L	77	60-140	23	# 0 - 20	Q28399
1,2,4-Trichlorobenzene	572.4	800	µg/L	72	60-140	10	0 - 20	Q28399
1,2,4-Trimethylbenzene	571.2	800	µg/L	71	60-140	12	0 - 20	Q28399
1,2-Dibromo-3-chloropropane	805.2	800	µg/L	101	60-140	11	0 - 20	Q28399
1,2-Dibromoethane (EDB)	709.6	800	µg/L	89	60-140	12	0 - 20	Q28399
1,2-Dichlorobenzene	641.2	800	µg/L	80	60-140	10	0 - 20	Q28399
1,2-Dichloroethane	604	800	µg/L	76	60-140	10	0 - 20	Q28399
1,2-Dichloropropane	649.6	800	µg/L	81	60-140	10	0 - 20	Q28399
1,3,5-Trimethylbenzene	574	800	µg/L	72	60-140	13	0 - 20	Q28399
1,3-Dichlorobenzene	594	800	µg/L	74	60-140	11	0 - 20	Q28399
1,3-Dichloropropane	649.2	800	µg/L	81	60-140	10	0 - 20	Q28399
1,4-Dichlorobenzene	579.2	800	µg/L	72	60-140	11	0 - 20	Q28399
2,2-Dichloropropane	412	800	µg/L	52	# 60-140	10	0 - 20	Q28399
2-Chlorotoluene	572.4	800	µg/L	72	60-140	12	0 - 20	Q28399
4-Chlorotoluene	588	800	µg/L	74	60-140	10	0 - 20	Q28399
Benzene	634.4	800	µg/L	79	60-140	10	0 - 20	Q28399
Bromobenzene	587.2	800	µg/L	73	60-140	11	0 - 20	Q28399
Bromochloromethane	656.4	800	µg/L	82	60-140	10	0 - 20	Q28399
Bromodichloromethane	707.2	800	µg/L	88	60-140	10	0 - 20	Q28399
Bromoform	796	800	µg/L	100	60-140	9	0 - 20	Q28399
Bromomethane	546.4	800	µg/L	68	60-140	13	0 - 20	Q28399
Carbon tetrachloride	712.8	800	µg/L	89	60-140	14	0 - 20	Q28399
Chlorobenzene	600.4	800	µg/L	75	60-140	11	0 - 20	Q28399

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NC Certification No. 402
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Level II QC Report

12/7/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street COC Group Number: G1107607
Date/Time Submitted: 11/21/07 8:00

Matrix Spike Duplicate Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID	
199344 Chlorodibromomethane	745.2	800	µg/L	93	60-140	11	0 - 20	Q28399	
Chloroethane	523.2	800	µg/L	65	60-140	11	0 - 20	Q28399	
Chloroform	636.8	800	µg/L	80	60-140	11	0 - 20	Q28399	
Chloromethane	522	800	µg/L	65	60-140	10	0 - 20	Q28399	
cis-1,2-Dichloroethene	628.4	800	µg/L	79	60-140	10	0 - 20	Q28399	
Dibromomethane	666.4	800	µg/L	83	60-140	7	0 - 20	Q28399	
Dichlorodifluoromethane	341.2	800	µg/L	43	#	60-140	16	0 - 20	Q28399
Ethylbenzene	599.6	800	µg/L	75	60-140	10	0 - 20	Q28399	
Hexachlorobutadiene	554.8	800	µg/L	69	60-140	10	0 - 20	Q28399	
Isopropyl ether (IPE)	600	800	µg/L	75	60-140	10	0 - 20	Q28399	
Isopropylbenzene	586.8	800	µg/L	73	60-140	12	0 - 20	Q28399	
m,p-Xylenes	1249.6	1600	µg/L	78	60-140	10	0 - 20	Q28399	
Methyl t-butyl ether (MTBE)	684.8	800	µg/L	86	60-140	9	0 - 20	Q28399	
Methylene chloride	584	800	µg/L	73	60-140	12	0 - 20	Q28399	
n-Butylbenzene	564	800	µg/L	71	60-140	13	0 - 20	Q28399	
n-Propylbenzene	579.6	800	µg/L	72	60-140	12	0 - 20	Q28399	
Naphthalene	604	800	µg/L	76	60-140	12	0 - 20	Q28399	
o-Xylene	628.8	800	µg/L	79	60-140	11	0 - 20	Q28399	
p-Isopropyltoluene	576.4	800	µg/L	72	60-140	14	0 - 20	Q28399	
sec-Butylbenzene	539.6	800	µg/L	67	60-140	13	0 - 20	Q28399	
Styrene	637.6	800	µg/L	80	60-140	7	0 - 20	Q28399	
tert-Butylbenzene	567.6	800	µg/L	71	60-140	13	0 - 20	Q28399	
Tetrachloroethene	554.4	800	µg/L	69	60-140	13	0 - 20	Q28399	
Toluene	639.6	800	µg/L	80	60-140	9	0 - 20	Q28399	
trans-1,2-Dichloroethene	572.8	800	µg/L	72	60-140	11	0 - 20	Q28399	
Trichloroethene	584.8	800	µg/L	73	60-140	12	0 - 20	Q28399	
Trichlorofluoromethane	521.2	800	µg/L	65	60-140	16	0 - 20	Q28399	
Vinyl chloride	508	800	µg/L	64	60-140	14	0 - 20	Q28399	

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NC Drinking Water Cert. No. 37735

Level II QC Report

12/7/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street

COC Group Number: G1107607

Date/Time Submitted: 11/21/07 8:00

Diesel Range Organics (DRO) by GC-FID, method 8015B

Method Blank					QC Batch ID
	Result	RL	Control Limit	Units	
Diesel Range Organics (DRO)	ND	7	<3.5	mg/kg	Q28449
Laboratory Control Sample				Recovery %	Recovery Ranges %
	Result	Spike Amount	Units		QC Batch ID
Diesel Range Organics (DRO)	64.4	80	mg/kg	81	55-109
Matrix Spike				Recovery %	Recovery Ranges %
Sample ID:	Result	Spike Amount	Units		QC Batch ID
199584 Diesel Range Organics (DRO)	66.1	80	mg/kg	66	50-117
Matrix Spike Duplicate				Recovery %	Recovery Ranges %
Sample ID:	Result	Spike Amount	Units	RPD %	RPD Range %
199584 Diesel Range Organics (DRO)	90.7	80	mg/kg	96	50-117
				31 #	0 - 24
					Q28449

Gasoline Range Organics (GRO) by GC-FID, method 8015B

Method Blank					QC Batch ID
	Result	RL	Control Limit	Units	
Gasoline Range Organics (GRO)	ND	5	<2.5	mg/kg	Q28489
Laboratory Control Sample				Recovery %	Recovery Ranges %
	Result	Spike Amount	Units		QC Batch ID
Gasoline Range Organics (GRO)	53.7	50	mg/kg	107	67-116
Matrix Spike				Recovery %	Recovery Ranges %
Sample ID:	Result	Spike Amount	Units		QC Batch ID
199468 Gasoline Range Organics (GRO)	55.5	50	mg/kg	111	57-113
Matrix Spike Duplicate				Recovery %	Recovery Ranges %
Sample ID:	Result	Spike Amount	Units	RPD %	RPD Range %
199468 Gasoline Range Organics (GRO)	57.9	50	mg/kg	116 #	57-113
				4	0 - 23
					Q28489

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Level II QC Report

12/7/07

Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street

COC Group Number: G1107607
Date/Time Submitted: 11/21/07 8:00

Volatile Organic Compounds by GC/MS, method 8260B

Method Blank	Result	RL	Control Limit	Units	QC Batch ID
1,1,1-Trichloroethane	ND	0.005	<0.0025	mg/kg	Q28565
1,1,2,2-Tetrachloroethane	ND	0.005	<0.0025	mg/kg	Q28565
1,1,2-Trichloroethane	ND	0.005	<0.0025	mg/kg	Q28565
1,1-Dichloroethane	ND	0.005	<0.0025	mg/kg	Q28565
1,1-Dichloroethene	ND	0.005	<0.0025	mg/kg	Q28565
1,1-Dichloropropene	ND	0.005	<0.0025	mg/kg	Q28565
1,2,3-Trichlorobenzene	ND	0.005	<0.0025	mg/kg	Q28565
1,2,3-Trichloropropane	ND	0.005	<0.0025	mg/kg	Q28565
1,2,4-Trichlorobenzene	ND	0.005	<0.0025	mg/kg	Q28565
1,2,4-Trimethylbenzene	ND	0.005	<0.0025	mg/kg	Q28565
1,2-Dibromoethane (EDB)	ND	0.005	<0.0025	mg/kg	Q28565
1,2-Dichlorobenzene	ND	0.005	<0.0025	mg/kg	Q28565
1,2-Dichloroethane	ND	0.005	<0.0025	mg/kg	Q28565
1,2-Dichloropropane	ND	0.005	<0.0025	mg/kg	Q28565
1,3,5-Trimethylbenzene	ND	0.005	<0.0025	mg/kg	Q28565
1,3-Dichlorobenzene	ND	0.005	<0.0025	mg/kg	Q28565
1,3-Dichloropropane	ND	0.005	<0.0025	mg/kg	Q28565
1,4-Dichlorobenzene	ND	0.005	<0.0025	mg/kg	Q28565
2,2-Dichloropropane	ND	0.005	<0.0025	mg/kg	Q28565
2-Chlorotoluene	ND	0.005	<0.0025	mg/kg	Q28565
2-Hexanone	ND	0.05	<0.025	mg/kg	Q28565
4-Chlorotoluene	ND	0.005	<0.0025	mg/kg	Q28565
4-Methyl-2-pentanone (MIBK)	ND	0.05	<0.025	mg/kg	Q28565
Acetone	ND	0.05	<0.025	mg/kg	Q28565
Benzene	ND	0.003	<0.0015	mg/kg	Q28565
Bromobenzene	ND	0.005	<0.0025	mg/kg	Q28565
Bromoform	ND	0.005	<0.0025	mg/kg	Q28565
Bromomethane	ND	0.01	<0.005	mg/kg	Q28565
Carbon tetrachloride	ND	0.005	<0.0025	mg/kg	Q28565
Chlorobenzene	ND	0.005	<0.0025	mg/kg	Q28565
Chlorodibromomethane	ND	0.005	<0.0025	mg/kg	Q28565
Chloroethane	ND	0.01	<0.005	mg/kg	Q28565

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Henry Nemargut Engineering
Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street

COC Group Number: G1107607
Date/Time Submitted: 11/21/07 8:00

Method Blank	Result	RL	Control Limit	Units	QC Batch ID	
Chloroform	ND	0.005	<0.0025	mg/kg	Q28565	
Chloromethane	ND	0.005	<0.0025	mg/kg	Q28565	
cis-1,2-Dichloroethene	ND	0.005	<0.0025	mg/kg	Q28565	
cis-1,3-Dichloropropene	ND	0.005	<0.0025	mg/kg	Q28565	
Dichlorodifluoromethane	ND	0.005	<0.0025	mg/kg	Q28565	
Ethylbenzene	ND	0.005	<0.0025	mg/kg	Q28565	
Isopropyl ether (IPE)	ND	0.005	<0.0025	mg/kg	Q28565	
Isopropylbenzene	ND	0.005	<0.0025	mg/kg	Q28565	
m,p-Xylenes	ND	0.01	<0.005	mg/kg	Q28565	
Methyl ethyl ketone (MEK)	ND	0.1	<0.05	mg/kg	Q28565	
Methyl t-butyl ether (MTBE)	ND	0.01	<0.005	mg/kg	Q28565	
Methylene chloride	ND	0.005	<0.0025	mg/kg	Q28565	
n-Butylbenzene	ND	0.005	<0.0025	mg/kg	Q28565	
n-Propylbenzene	ND	0.005	<0.0025	mg/kg	Q28565	
Naphthalene	ND	0.01	<0.005	mg/kg	Q28565	
o-Xylene	ND	0.005	<0.0025	mg/kg	Q28565	
p-Isopropyltoluene	ND	0.005	<0.0025	mg/kg	Q28565	
sec-Butylbenzene	ND	0.005	<0.0025	mg/kg	Q28565	
Styrene	ND	0.005	<0.0025	mg/kg	Q28565	
tert-Butylbenzene	ND	0.005	<0.0025	mg/kg	Q28565	
Tetrachloroethene	ND	0.005	<0.0025	mg/kg	Q28565	
Toluene	ND	0.005	<0.0025	mg/kg	Q28565	
trans-1,2-Dichloroethene	ND	0.005	<0.0025	mg/kg	Q28565	
trans-1,3-Dichloropropene	ND	0.005	<0.0025	mg/kg	Q28565	
Trichloroethene	ND	0.005	<0.0025	mg/kg	Q28565	
Trichlorofluoromethane	ND	0.005	<0.0025	mg/kg	Q28565	
Vinyl acetate	ND	0.025	<0.0125	mg/kg	Q28565	
Vinyl chloride	ND	0.005	<0.0025	mg/kg	Q28565	
Laboratory Control Sample	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
1,1-Dichloroethene	0.04774	0.05	mg/kg	95	57-122	Q28565
Benzene	0.04663	0.05	mg/kg	93	62-119	Q28565
Chlorobenzene	0.04553	0.05	mg/kg	91	61-124	Q28565
Toluene	0.04373	0.05	mg/kg	87	57-122	Q28565
Trichloroethene	0.04775	0.05	mg/kg	86	59-129	Q28565

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Attn: Henry Nemargut
2211 Chestnut St.
Wilmington, NC 28405

Project ID: 1106 S. Second Street

COC Group Number: G1107607

Date/Time Submitted: 11/21/07 8:00

Matrix Spike	Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
200089 1,1-Dichloroethene		0.04298	0.05	mg/kg	86	44-140	Q28565
Benzene		0.03934	0.05	mg/kg	79	46-136	Q28565
Chlorobenzene		0.03682	0.05	mg/kg	74	47-135	Q28565
Toluene		0.03975	0.05	mg/kg	80	47-136	Q28565
Trichloroethene		0.04013	0.05	mg/kg	80	45-141	Q28565

Matrix Spike Duplicate	Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
200089 1,1-Dichloroethene		0.04162	0.05	mg/kg	83	44-140	3	0 - 23	Q28565
Benzene		0.03841	0.05	mg/kg	77	46-136	2	0 - 22	Q28565
Chlorobenzene		0.03612	0.05	mg/kg	72	47-135	2	0 - 22	Q28565
Toluene		0.03842	0.05	mg/kg	77	47-136	3	0 - 22	Q28565
Trichloroethene		0.03929	0.05	mg/kg	79	45-141	2	0 - 23	Q28565

#See Case Narrative



Full Service Analytical & Environmental Solutions

449 Springbrook Road • P.O. Box 240543 • Charlotte, NC 28224-0543
Phone: 704/529-6364 • Fax: 704/525-0409Client Company Name: H.N. Engineering
Report To/Contact Name: Henry Nemargut
Reporting Address: Wilmington, NC

CHAIN OF CUSTODY RECORD

PAGE 1 OF

QUOTE # TO ENSURE PROPER BILLING:

Project Name: 1106 S. Second Street

Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)

*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements

Invoice To: H.N. Engr

Address: Wilmington, NC

LAB USE ONLY

Sampled INTEGRITY Upon arrival	YES	NO	N/A
Received ON SITE / At Temp	YES	NO	N/A
PROPER PRESERVATIVES indicated	YES	NO	N/A
Received WITHIN HOLDING TIMES	YES	NO	N/A
CUSTODY SEALS INTACT	YES	NO	N/A
VOLATILE tested w/out headspace	YES	NO	N/A
PROPER CONTAINERS used	YES	NO	N/A

Phone: _____ Fax (Yes) (No): _____

Email (Yes) (No) Email Address: _____

EDD Type: PDF _____ Excel _____ Other _____

Site Location Name: 1106 S. Second St.

Site Location Physical Address: 1106 S. Second St., Wilmington NC

Purchase Order No./Billing Reference: _____

Requested Due Date 1 Day 2 Days 3 Days 4 Days 5 Days"Working Days" 6-9 Days Standard 10 days Rush Work Must Be Pre-Approved

Samples received after 15:00 will be processed next business day.

Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL

Certification: NELAC _____ USACE _____ FL _____ NC _____

SC _____ OTHER _____ N/A _____

Water Chlorinated: YES _____ NO _____

Sample Iced Upon Collection: YES NO

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER			PRESERVA- TIVES	ANALYSES REQUESTED				REMARKS	PRISM LAB ID NO.
				*TYPE SEE BELOW	NO.	SIZE		1106	M58	W260	6209		
B2-7	11/18/07	1230	S	G	3		Meth	X	X				199465
B3-5	11	1310	S	G	4		Meth, Na			X			199466
B4-5	11	1350	S	G	4	" "	" "			X			199467
B5-10	11	1450	S	G	3		Meth	X	X				199468
TW-1	11	1530	W	G	3		Meth, Na			X			199469

Sampler's Signature: Henry Nemargut

Sampled By (Print Name):

Henry Nemargut

Affiliation: H.N. Engr.

PRESS DOWN FIRMLY - 3 COPIES

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By: (Signature)

Alex 1085

Received By: (Signature)

Alex 1085 Jr

Date:

11-20-07

Military/Hours

1105

Additional Comments:

Relinquished By: (Signature)

David M

Received By: (Signature)

David M

Date:

11-20-07

Military/Hours

1505

Relinquished By: (Signature)

David M

Received For Prism Laboratories By:

David M

Date:

11/21/07

Military/Hours

0800

Method of Shipment: NOTE ALL SAMPLE COOLERS SHOULD BE TAPE SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY.

SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.

COC Group No.

G1147687

PRISM USE ONLY

Site Arrival Time	_____
Site Departure Time	_____
Field Tech Fee	_____
Mileage	_____

NPDES: Fed Ex UPS Hand-delivered Prism Field Service OtherUST: NC SCGROUNDWATER: NC SCDRINKING WATER: NC SCSOLID WASTE: NC SCRCRA: NC SCCERCLA: NC SCLANDFILL: NC SCOTHER: NC SCSEE REVERSE FOR
TERMS & CONDITIONS

ORIGINAL

APPENDIX B

NCDENR STANDARDS FOR

SOIL AND GROUNDWATER

**INACTIVE HAZARDOUS SITES BRANCH
HEALTH-BASED SOIL REMEDIATION GOALS¹
UPDATED AUGUST 2007**

These health-based remediation goals must be used in conjunction with either the REC or State-Lead Guidance documents and apply only at sites with signed administrative agreements with the Division of Waste Management. In addition to these health-based goals, soils must also meet protection of groundwater remediation goals. If sensitive environments are present at a site, the branch may require the adjustment of remediation goals and/or the proposed remedial alternative.

CHEMICAL	CASRN	RG (ppm)	
Polynuclear aromatic hydrocarbons³			
Acenaphthene	83329	740	N
Anthracene	120127	4400	N
Benzo[a]pyrene ^M	50328	0.022	C
Benzo[b]fluoranthene ^M	205992	0.22	C
Benzo[k]fluoranthene ^M	207089	2.2	C
Benz[a]anthracene ^M	56553	0.022	C
Carbofuran	1563662	62	N
Chrysene ^M	218019	22	C
Dibenz[a,h]anthracene	53703	0.022	C
Fluoranthene	206440	460	N
Fluorene	86737	540	N
Indeno(1,2,3-cd)pyrene ^M	193395	0.22	C
Naphthalene	91203	11.2	N
2-methyl Naphthalene	91576	11.2	N
Pyrene	129000	460	N
Pronamide	23950585	920	N
Propargyl alcohol	107197	24	N
Propylene oxide*	75569	1.9	C*
Pyridine	110861	12.2	N
Selenium	7782492	78	N
Silver and compounds	7440224	78	N
Strychnine	57249	3.6	N
Styrene ³	100425	880	N
1,2,4,5-Tetrachlorobenzene	95943	3.6	N
1,1,1,2-Tetrachloroethane *	630206	3.2	C*
1,1,2,2-Tetrachloroethane*	79345	0.41	C*
Tetrachloroethylene (PCE)*	127184	0.48	C*
2,3,4,6-Tetrachlorophenol	58902	360	N
Thallium and compounds	N/A	1.04	N
Toluene ³	108883	132	N
p-Toluidine	106490	2.6	C
Toxaphene	8001352	0.44	C
1,2,4-Trichlorobenzene	120821	12.4	N
1,1,1-Trichloroethane ³	71556	400	N
1,1,2-Trichloroethane *	79005	0.73	C*
Trichloroethylene (TCE)*	79016	0.053	C*
Trichlorofluoromethane	75694	78	N
2,4,5-Trichlorophenol	95954	1220	N
2,4,6-Trichlorophenol*	88062	1.22	N*
1,2,3-Trichloropropane *	96184	0.034	C*
1,3,5-Trinitrobenzene	99354	360	N
Vanadium	7440622	15.6	N
Vinyl acetate	108054	86	N

Maximum Soil Contaminant Concentrations Table

Constituent	CAS#	Soil-to-Water Maximum Contaminant Concentration (Soil mg/kg)	Residential Soil Cleanup Levels (mg/kg)	Industrial/Commercial Soil Cleanup Levels (mg/kg)
Acenaphthene	83-32-9	8.2	940	24000
Acenaphthylene	208-96-8	11	469	12264
Acetone	67-64-1	2.8	1564	40880
Aliphatics, C5-C8	N/A	72	939	24528
Aliphatics, C9-C18	N/A	3300	9386	245280
Aliphatics, C19-C36	N/A	##	93860	#
Anthracene	120-12-7	1000	4600	122000
Aromatics, C9-C22	N/A	34	469	12264
Barium	7440-39-3	848	1095	28616
Benzene	71-43-2	0.0056	18	164
Benzo(a)anthracene	56-55-3	0.34	0.88	8
Benzo(b)fluoranthene	205-99-2	1.2	0.88	8
Benzo(g,h,i)perylene	191-24-2	6700	469	12264
Benzo(k)fluoranthene	207-08-9	12	9	78
Benzo(a)pyrene	50-32-8	0.091	0.088	0.78
Benzoic Acid (H ⁺ @ pH 6.8)	65-85-0	110	62571	1635200
Bis(chloroethyl)ether (BCEE)	111-44-4	0.0002	0.58	5.2
Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	5.6	46	410
Bromoform	75-25-2	0.028	81	724
n-Butylbenzene	104-51-8	4.3	626	16350
sec-Butylbenzene	135-98-8	3.3	626	16350
tert-Butylbenzene	98-06-6	3.4	626	16350
Carbon disulfide	75-15-0	4.3	1564	40880
Chlorobenzene	108-90-7	0.44	312	8176
Chloroform (trichloromethane)	67-66-3	0.37	100	938
Chloromethane (methyl chloride)	74-87-3	0.02	49	440
Chromium (Total)	7440-50-8	27	47	1226
Chromium III	16065-83-1	27	23460	613200
Chromium VI	18540-29-9	27	47	1226
Chrysene	218-01-9	38	88	780
Dibenz(a,h)anthracene	53-70-8	0.17	0.088	0.78
Dibenzofuran	132-64-9	4.7	62	1635
Dibromochloromethane	124-48-1	0.0022	7	68
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.000002	0.0075	0.067
1,2-Dichlorobenzene (ortho)	95-50-1	0.28	1400	36000
1,3-Dichlorobenzene (meta)	541-73-1	6.5	1400	36000
1,4-Dichlorobenzene (para)	106-46-7	0.023	27	240
Dichlorodifluoromethane (Freon-12)	75-71-8	306	3129	81760
1,1-Dichloroethane	75-34-3	0.38	1560	40000
1,2-Dichloroethane (ethylene dichloride)	107-06-2	0.0018	7	63
1,2-Dichloroethene (cis)	156-59-2	0.35	156	4000
1,2-Dichloroethene (trans)	156-60-5	0.54	320	8200

Constituent	CAS#	Soil-to-Water Maximum Contaminant Concentration (Soil mg/kg)	Residential Soil Cleanup Levels (mg/kg)	Industrial/Commercial Soil Cleanup Levels (mg/kg)
1,1-Dichloroethylene	75-35-4	0.045	1	10
1,2-Dichloropropane	78-87-5	0.0026	9	84
1,3-Dichloropropene (cis and trans)	542-75-6	0.001	5	57
2,4-Dimethylphenol (2,4-xylenol)	105-67-9	0.9	312	8176
Ethyl Acetate	141-78-6	11	14078	367920
Ethylbenzene	100-41-4	4.6	1560	40000
Ethylene Glycol	107-21-1	56	31290	817600
Fluoranthene	206-44-0	280	620	16400
Fluorene	86-73-7	44	620	16400
Hexachlorobutadiene	87-68-3	0.26	3.1	73
2-Hexanone (Methyl n-Butyl Ketone)	591-78-6	1.9	625	16352
Indeno(1,2,3-cd)pyrene	193-39-5	3.3	0.88	8
Isopropyl benzene (Cumene)	98-82-8	1.7	1564	40880
Isopropyl ether (diisopropyl ether)	108-20-3	0.37	156	4088
Lead	7439-92-1	270	400	400
Methanol	67-56-1	14	7821	204400
Methyl ethyl ketone (2-Butanone)	78-93-3	17	9385	245280
Methyl tert-butyl ether (MTBE)	1634-04-4	0.92	213	1908
Methylene chloride	75-09-2	0.02	85	763
2-Methylnaphthalene	91-57-6	1.7	63	1635
Naphthalene	91-20-3	0.58	313	8176
Pentachlorophenol	87-86-5	0.0063	5	48
Phenanthrene	85-01-8	60	469	12264
Phenol	108-95-2	1.7	4693	122600
n-Propylbenzene	103-65-1	1.7	626	16350
Pyrene	129-00-0	290	469	12264
Silver	7440-22-4	0.23	78.2	2044
Styrene (ethenylbenzene)	100-42-5	2.2	3128	81760
1,1,2,2-Tetrachloroethane	79-34-5	0.001	3	28
Tetrachloroethylene(PCE, perchloroethylene)	127-18-4	0.0074	12	110
1,2,4-Trichlorobenzene	120-82-1	2.6	156	4088
1,1,1-Trichloroethane (methyl chloroform)	71-55-6	1.6	4380	114500
Trichloroethylene (TCE)	79-01-6	0.018	1.6	14
Trichlorofluoromethane	75-69-4	31	4692	122640
1,2,4-Trimethylbenzene	95-63-6	7.5	782	20440
1,3,5-Trimethylbenzene	108-67-8	7.3	782	20440
Toluene	108-88-3	7.3	3200	82000
vinyl chloride	75-01-4	0.000094	0.46	4.1
Xylenes (mixed)	1330-20-7	5	3129	81760

Health based level > 100%

Considered immobile

Updated 02/01/06

Gross Contamination Levels for Groundwater Table

Compound	CAS #	North Carolina Groundwater Quality Standards* (GWQS) (ug/l)	Gross Contamination Levels for Groundwater (GCL) (ug/l)	BASIS
Acenaphthene	83-32-9	80	2120	SOL
Acenaphthylene	208-96-8	210	1965	SOL
Acetone	67-64-1	700	700000	STD
Anthracene	120-12-7	2100	2100	STD
Barium	7440-39-3	2000	2000000	STD
Benzene	71-43-2	1	5000	DWSTD
Benzo(a)anthracene	56-55-3	0.0479	22	SOL
Benzo(b)fluoranthene	205-99-2	0.0479	0.6	SOL
Benzo(g,h,i)perylene	191-24-2	210	210	STD
Benzo(k)fluoranthene	207-08-9	0.479	0.4	SOL
Benzoic acid	65-85-0	28000	1450000	SOL
Benzo(a)pyrene	50-32-8	0.00479	1.5	SOL
Bis(2-chloroethyl)ether (BCEE)	111-44-4	0.031	31	STD
Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	2.5	2500	STD
Bromoform	75-25-2	0.19	190	STD
n-Butylbenzene	104-51-8	70	6900	SOL
sec-Butylbenzene	135-98-8	70	8500	SOL
tert-Butylbenzene	98-06-6	70	15000	SOL
Carbon disulfide	75-15-0	700	700000	STD
Chlorobenzene	108-90-7	50	50000	STD
Chlorodibromomethane	124-48-1	0.41	410	STD
Chloroform (trichloromethane)	67-66-3	70	70000	STD
Chloromethane (Methyl Chloride)	74-87-3	2.6	2600	STD
Chromium	7440-50-8	50	50000	STD
Chrysene	218-01-9	4.79	0.8	SOL
Dibenz(a,h)anthracene	53-70-3	0.0047	0.25	SOL
Dibenzofuran	132-64-9	28	28000	STD
1, 2-Dibromoethane (ethylene dibromide, EDB)	106-93-4	0.0004	50	DWSTD
1, 2-Dichlorobenzene (ortho)	95-50-1	24	24000	STD
1, 3-Dichlorobenzene (meta)	541-73-1	170	61500	SOL
1, 4-Dichlorobenzene (para)	106-46-7	1.4	39500	SOL
Dichlorodifluoromethane (Freon-12)	75-71-8	1400	140000	SOL
1, 1-Dichloroethane	75-34-3	70	70000	STD
1, 2-Dichloroethane (ethylene dichloride)	107-06-2	0.38	380	STD
1, 1-Dichloroethylene	75-35-4	7	7000	STD
1, 2-Dichloroethene (cis)	156-59-2	70	70000	STD
1, 2-Dichloroethene (trans)	156-60-5	100	100000	STD
1, 2-Dichloropropane	78-87-5	0.51	510	STD
1, 3-Dichloropropene (cis and trans)	542-75-6	0.19	190	STD
2,4-Dimethylphenol	105-67-9	140	140000	STD
Ethyl Acetate	141-78-6	2600	2600000	STD
Ethylbenzene	100-41-4	550	84500	SOL
Ethylene Glycol	107-21-1	14000	14000000	STD

Compound	CAS #	North Carolina Groundwater Quality Standards* (GWQS) (ug/l)	Gross Contamination Levels for Groundwater (GCL) (ug/l)	BASIS
Fluoranthene	206-44-0	280	280	STD
Fluorene	86-73-7	280	950	SOL
Hexachloro-1,3-butadiene	87-68-3	0.44	440	STD
2-Hexanone (Methyl n-Butyl Ketone)	591-78-6	280	280000	STD
Indeno(1,2,3-cd)pyrene	193-39-5	0.047	31	SOL
Isopropyl benzene (Cumene)	98-82-8	70	25000	SOL
Isopropyl ether (Diisopropyl ether)	108-20-3	70	70000	STD
Lead	7439-92-1	15	15000	STD
Methanol	67-56-1	3500	3500000	STD
Methyl Ethyl Ketone (MEK)	78-93-3	4200	4200000	STD
2-Methylnaphthalene	91-57-6	14	12500	SOL
Methyl tert-butyl ether (MTBE)	1634-04-4	200	200000	STD
Methylene chloride	75-09-2	4.6	4600	STD
Naphthalene	91-20-3	21	15500	SOL
Pentachlorophenol	87-86-5	0.29	290	STD
Phenanthrene	85-01-8	210	410	SOL
Phenol	108-95-2	300	300000	STD
n-Propylbenzene	103-65-1	70	30000	SOL
Pyrene	129-00-0	210	210	STD
Silver	7440-22-4	18	18000	STD
Styrene (ethenylbenzene)	100-42-5	100	100000	STD
1,1,2,2-Tetrachloroethane	79-34-5	0.17	170	STD
Tetrachloroethylene (PCE)	127-18-4	0.7	700	STD
Toluene	108-88-3	1000	257500	SOL
1,2,4-Trichlorobenzene	120-82-1	70	9500	SOL
1,1,1-Trichloroethane (methyl chloroform)	71-55-6	200	200000	STD
Trichloroethylene (TCE)	79-01-6	2.8	2800	STD
Trichlorofluoromethane	75-69-4	2100	2100000	STD
1,2,4-Trimethylbenzene	95-63-6	350	28500	SOL
1,3,5-Trimethylbenzene	108-67-8	350	25000	SOL
Vinyl chloride	75-01-4	0.015	15	STD
Xylenes (mixed)	1330-20-7	530	87500	SOL

SOL - 50% of the solubility at 25 degrees Celsius

DWSTD - 1000 x federal drinking water standard (40 CFR 141)

STD - 1000 x North Carolina groundwater quality standard (15A NCAC 2L .0202)

* includes interim Groundwater Quality Standards

Update
02/01/06

APPENDIX C

ASBESTOS ANALYTICAL RESULTS

EMSL Analytical, Inc.
1101-A Aviation Parkway, Morrisville, NC 27560

Phone: (919) 465-3900 Fax: (194) 65-3950 Email: raleighlab@emsl.com

Attn: **Henry Nemargut** Customer ID: HNEN78
Henry Nemargut Engineering
2211 Chestnut Street
Wilmington, NC 28405 Customer PO:
Received: 12/05/07 1:47 PM
EMSL Order: 290705973

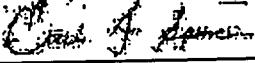
Fax: (910) 762-3284 Phone: (910) 762-5475
Project: 1106 S. 2nd Street EMSL Proj:
Analysis Date: 12/5/2007
Report Date: 12/10/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos	
			% Fibrous	% Non-Fibrous	% Type	None Detected
A 290705973-0001	Ceiling Tile	Beige/Tan Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)		

Analyst(s)

Sara Harrison (1)


Essie Spencer, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

NVLAP Lab Code 200671-0, CA ELAP 2657, VA 3333 000278, WVA LT000296

APPENDIX D

SOIL BORING LOGS

GEOLOGIC LOG OF EXCAVATION

Henry Nemargut Engineering Services

Job Name: Waccamaw Transport Property
Address: 1109 South Front Street and 1106 South Second Street
Job No.:
Start Date: 11/18/2007
Contractor: Henry Nemargut Engineering
Sample ID: Soil Borings B1 thorough B5
Comments: